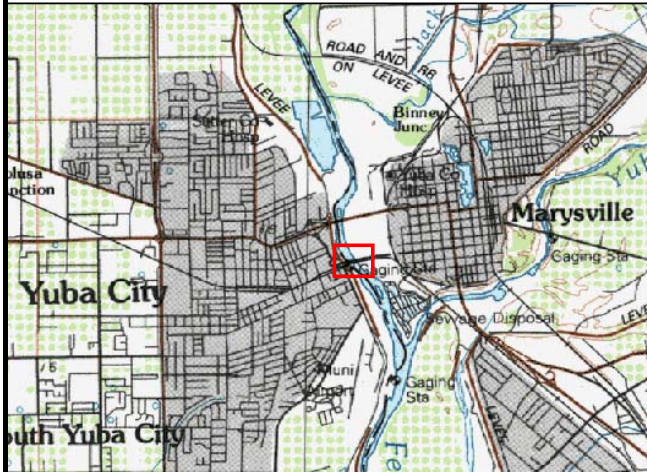


Feather River, RM 28.5R (LM 14.5, Sutter County LD 1 West)



Site Location Map



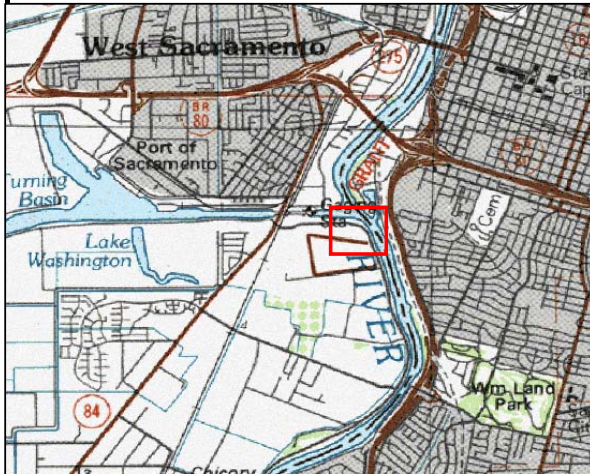
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	5	0 to 10 ft of berm
Location of erosion	4	toe and lower slope
Bank Stability	5	vertical sections, less than half bank height, and caves
Site Relative to Bend	1	relatively straight
Vegetation Cover	1	70% veg cover
Tree Hazard	5	large trees with exposed roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.03 ft/s
Human Usage	5	daily, paths and garbage
Erosion Hazard	53	Calculate Erosion Hazard

Sacramento River, RM 57.2R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	0 to 10 ft
Location of erosion	4	toe and lower bank
Bank Stability	5	vertical sections and caves
Site Relative to Bend	0	inside of a bend
Vegetation Cover	1	70%
Tree Hazard	5	large trees, exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.16 ft/s
Human Usage	4	weekly
Erosion Hazard	51	Calculate Erosion Hazard

Sacramento River, RM 8.0L



Site Location Map



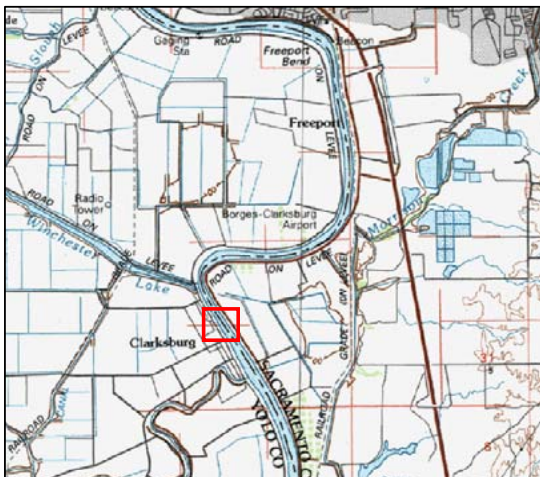
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	near vertical
Berm Width (*2) - Estimated	5	no berm
Location of erosion	2	levee slope
Bank Stability	4	vertical for more than half bank height
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	2	40 to 50 %
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.13 ft/s
Human Usage	4	adjacent to road, weekly
Erosion Hazard	51	Calculate Erosion Hazard

Sacramento River, RM 42.7R



Site Location Map



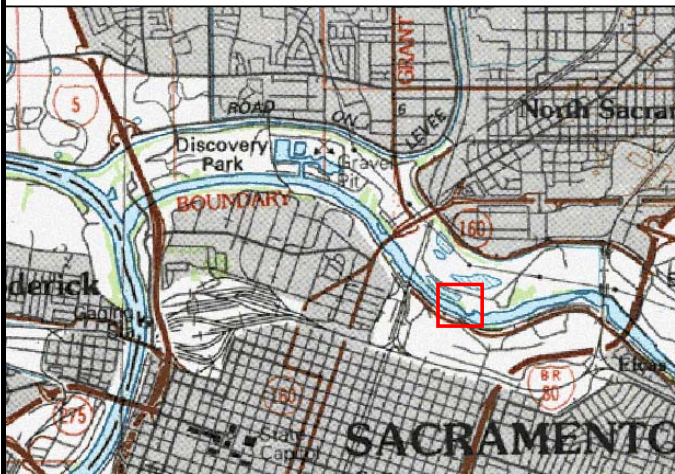
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70 %
Tree Hazard	5	large trees, exposed roots, and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.36 ft/s
Human Usage	5	daily
Erosion Hazard	50	Calculate Erosion Hazard

Lower American River, RM 2.8L



Site Location Map



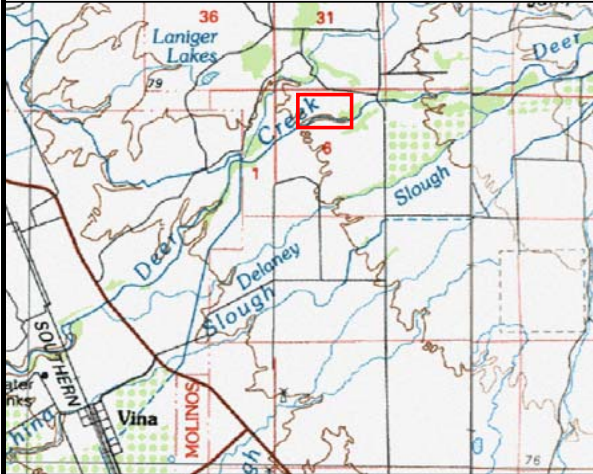
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 to 20 ft
Location of erosion	4	whole bank and toe
Bank Stability	5	caves greater than 4 ft and vertical sections
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	2	50 -60%
Tree Hazard	5	trees with exposed roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.39 ft/s
Human Usage	5	Debris and paths indicative of daily use
Erosion Hazard	49	Calculate Erosion Hazard

Deer Creek, LM 0.9 (Tehama County Unit 2 North)



Site Location Map



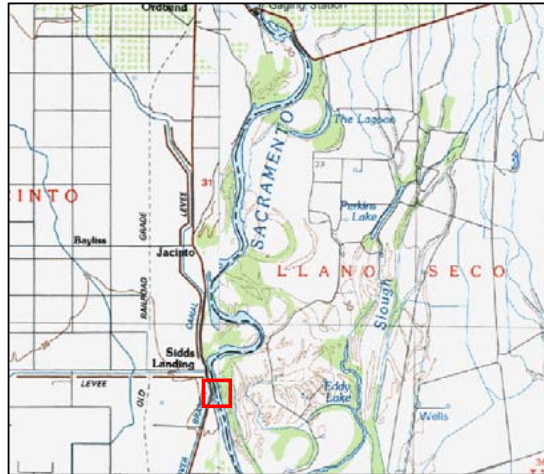
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	near vertical
Berm Width (*2) - Estimated	2	10 to 15 ft
Location of erosion	4	toe and bank
Bank Stability	5	Vertical sections, greater than half bank height and animal holes
Site Relative to Bend	3	outside of a gentle bend
Geomorph	0	tight levees, no migration expected
Vegetation Cover	4	minimal veg
Tree Hazard	5	large leaning trees with exposed roots
Soil Type (*2)	3	sands and cobbles
Velocity (*2)	4	~5+ ft/s
Human Usage	0	rare
Erosion Hazard	49	Calculate Erosion Hazard

Sacramento River, RM 177.8R



Site Location Map



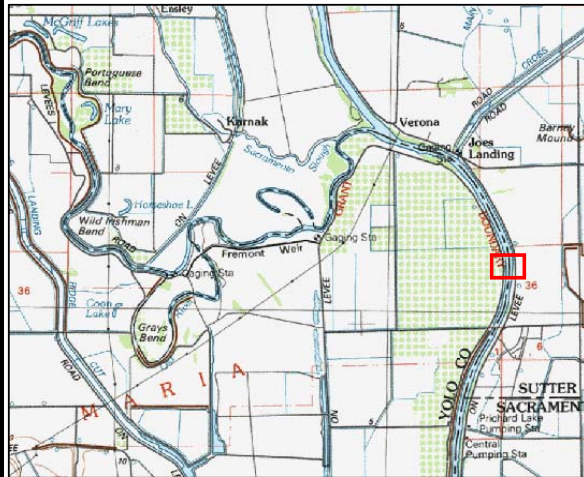
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	upper bank and toe
Bank Stability	2	vertical sections, less than half bank height, 40 to 50 ft scour hole
Site Relative to Bend	5	outside of a less than 90 degree bend
Vegetation Cover	2	60%
Tree Hazard	2	2 medium trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.27 ft/s
Human Usage	5	adjacent to road, next to a pump intake, daily use
Erosion Hazard	48	Calculate Erosion Hazard

Sacramento River, RM 77.2L



Site Location Map



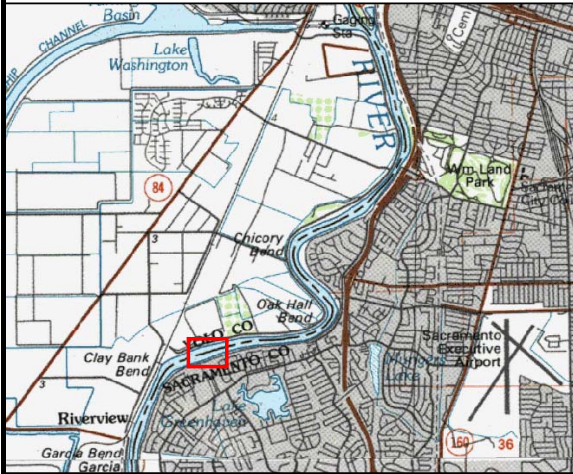
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	less than 1:1
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	3	toe
Bank Stability	5	vertical sections greater than half bank height and animal holes
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	4	less than 20%
Tree Hazard	5	exposed roots, trees leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.01 ft/s
Human Usage	4	weekly, paths and adjacent to road
Erosion Hazard	48	Calculate Erosion Hazard

Sacramento River, RM 52.3L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1
Berm Width (*2) - Estimated	3	5 to 10 ft
Location of erosion	4	toe, lower bank, and berm
Bank Stability	3	cave, greater than 4 ft
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	5	trees with some exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.97 ft/s
Human Usage	5	daily
Erosion Hazard	48	Calculate Erosion Hazard

Georgiana Slough, RM 5.3L



Site Location Map



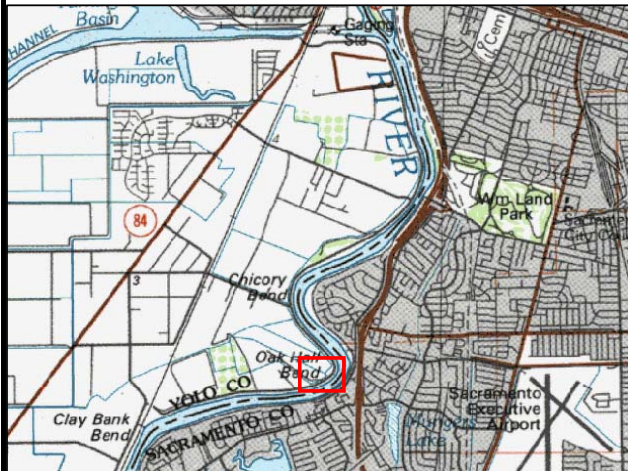
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 or less
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	5	levee slope, toe and underwater
Bank Stability	5	vertical sections and caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	70% cover
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.95 ft/s
Human Usage	2	seasonal
Erosion Hazard	48	Calculate Erosion Hazard

Sacramento River, RM 53.5R



Site Location Map



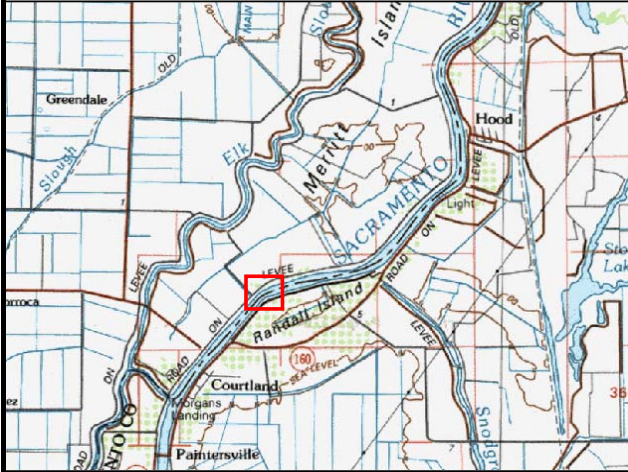
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	3	5 ft of berm
Location of erosion	4	whole bank and toe
Bank Stability	2	small vertical sections
Site Relative to Bend	0	inside of a bend
Vegetation Cover	2	50%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sand and silts
Velocity (*2)	4	6.02 ft/s
Human Usage	5	daily, parking area on levee, paths down, debris
Erosion Hazard	47	Calculate Erosion Hazard

Sacramento River, RM 35.4L



Site Location Map



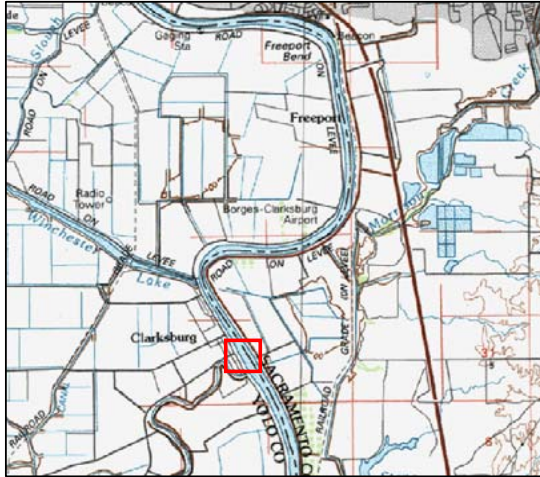
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe
Bank Stability	5	vertical sections and caves
Site Relative to Bend	0	inside of a bend
Vegetation Cover	1	70%
Tree Hazard	1	young trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	6.52 ft/s
Human Usage	4	weekly
Erosion Hazard	47	Calculate Erosion Hazard

Sacramento River, RM 41.9R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	2	lower bank
Bank Stability	1	caves from fallen trees
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70%
Tree Hazard	5	large trees with exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.08 ft/s
Human Usage	4	adjacent to road, pathway down, weekly
Erosion Hazard	46	Calculate Erosion Hazard

Sacramento River, RM 35.4R



Site Location Map



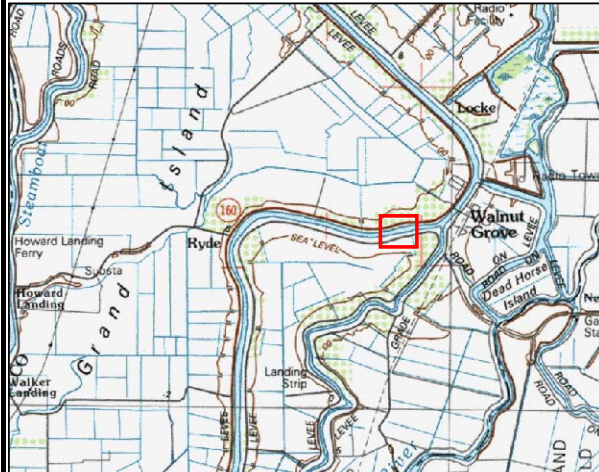
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	5	toe and underwater
Bank Stability	4	vertical sections greater than half bank height
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	2	50%
Tree Hazard	1	lone small tree
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	6.52 ft/s
Human Usage	1	steep sections, occasional usage
Erosion Hazard	46	Calculate Erosion Hazard

Sacramento River, RM 26.0L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 or less
Berm Width (*2) - Estimated	5	0 to 50 ft
Location of erosion	5	bank, toe, and underwater
Bank Stability	4	vertical sections, greater than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	70 to 80%
Tree Hazard	4	trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.13 ft/s
Human Usage	1	occassional
Erosion Hazard	46	Calculate Erosion Hazard

Sacramento River, RM 10.8L



Site Location Map



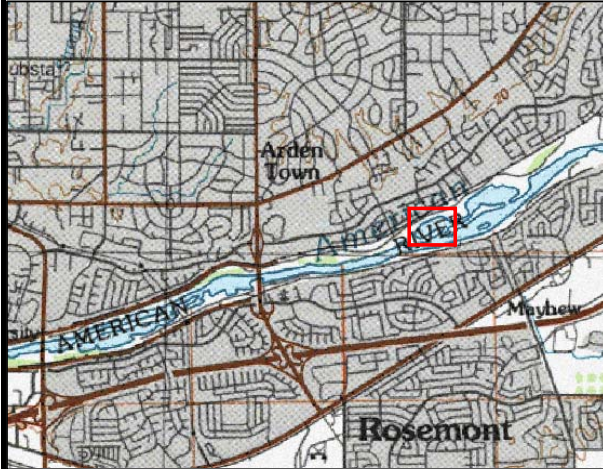
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	mid bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	3	varies, 30 to 60 %
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	7.05 ft/s
Human Usage	5	path and trash, daily
Erosion Hazard	46	Calculate Erosion Hazard

Lower American River, RM 10.6L



Site Location Map



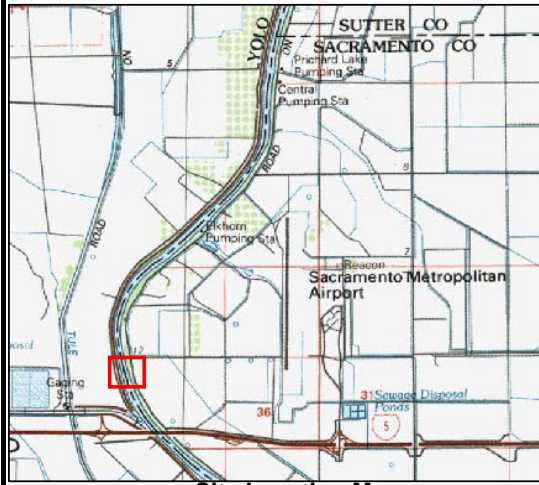
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	near vertical
Berm Width (*2) - Estimated	2	15 to 20 ft
Location of erosion	2	whole bank
Bank Stability	5	tree popouts and vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	1	80%
Tree Hazard	5	large trees, exposed roots, and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.94 ft/s
Human Usage	4	weekly, trails
Erosion Hazard	46	Calculate Erosion Hazard

Sacramento River, RM 71.3R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	1	25 ft
Location of erosion	4	berm and toe
Bank Stability	5	vertical sections, greater than half bank height and animal burrows
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	5	trees with exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.05 ft/s
Human Usage	2	seasonal
Erosion Hazard	45	Calculate Erosion Hazard

Sacramento River, RM 49.7L



Site Location Map



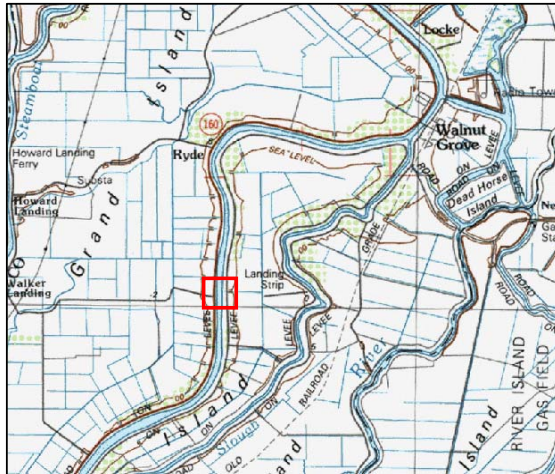
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	10 ft of berm
Location of erosion	5	bank, toe, and underwater
Bank Stability	2	some small vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	1	60%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	5	silts
Velocity (*2)	4	5.6 ft/s (UNET)
Human Usage	4	bike path on top, weekly
Erosion Hazard	45	Calculate Erosion Hazard

Sacramento River, RM 22.5L



Site Location Map



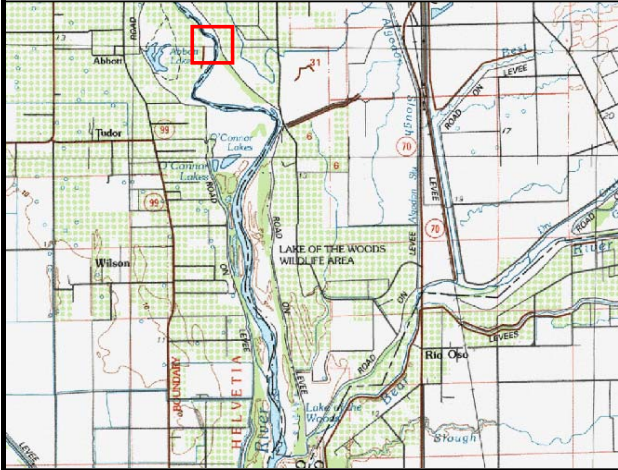
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	4	berm and toe
Bank Stability	5	caves, less than 4 ft, and vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	0	90%
Tree Hazard	5	large leaning trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.54 ft/s
Human Usage	4	weekly, path and picnic table
Erosion Hazard	45	Calculate Erosion Hazard

Feather River, RM 19.7L



Site Location Map



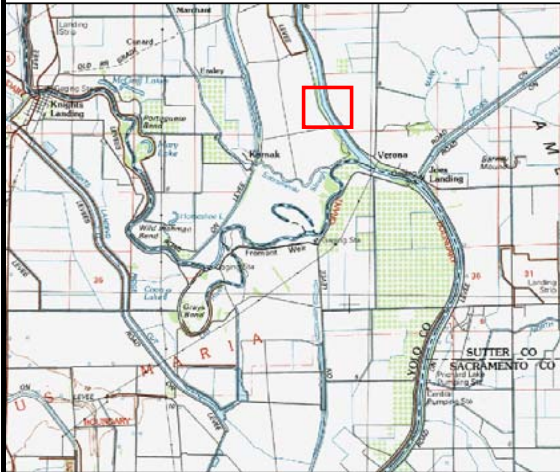
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope or less
Berm Width (*2) - Estimated	0	50 ft
Location of erosion	4	whole bank and toe
Bank Stability	5	caves, greater than 4 ft and vertical sections
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	3	40 to 50%
Tree Hazard	5	large trees with exposed roots and trees sliding down the bank
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.34 ft/s
Human Usage	1	rather steep, not too accessible, occassional
Erosion Hazard	45	Calculate Erosion Hazard

Feather River, RM 1L



Site Location Map



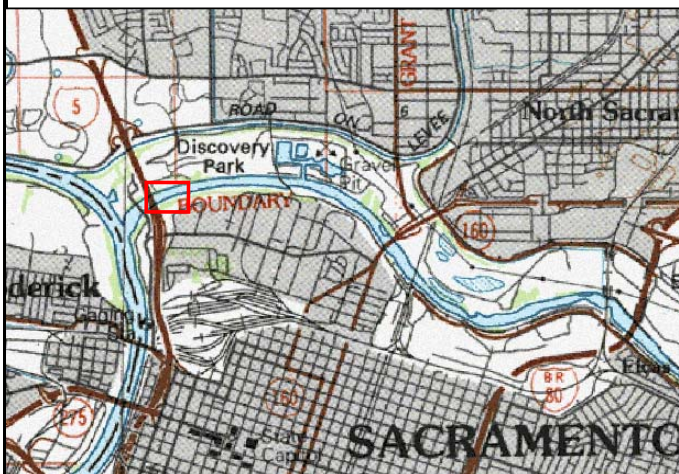
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	5	toe and underwater
Bank Stability	2	vertical sections, less than half bank slope height
Site Relative to Bend	1	straight
Vegetation Cover	0	dense on bank, about 80%
Tree Hazard	4	trees with visible roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.46 ft/s
Human Usage	5	frequent, trails down to bank
Erosion Hazard	45	Calculate Erosion Hazard

Lower American River, RM 0.3L



Site Location Map



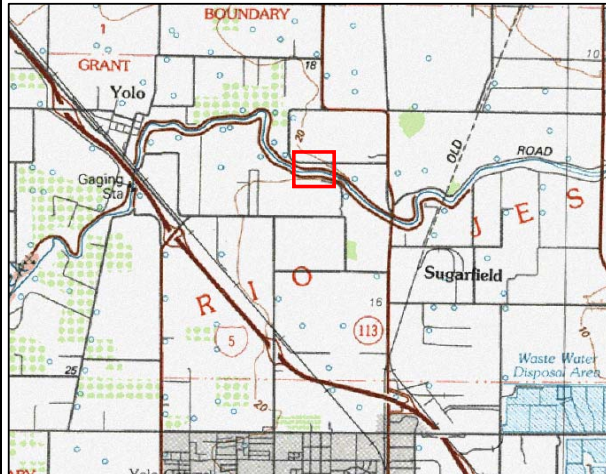
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	3	6 to 30 ft
Location of erosion	4	bank and toe
Bank Stability	0	no stability issues
Site Relative to Bend	0	inside of a slight bend
Vegetation Cover	3	about 40 %
Tree Hazard	5	large trees with exposed roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.2 ft/s
Human Usage	5	Bike path on top of levee, trails down, trash present, daily use
Erosion Hazard	45	Calculate Erosion Hazard

Cache Creek, LM 3.9L



Site Location Map



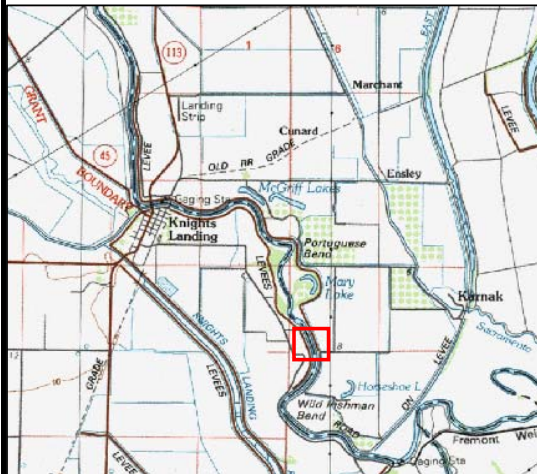
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	less than 1:1
Berm Width (*2) - Estimated	2	10 to 25 ft
Location of erosion	4	whole bank and toe
Bank Stability	5	vertical sections and caves
Site Relative to Bend	1	straight
Vegetation Cover	3	30%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	6 ft/s
Human Usage	0	rare
Erosion Hazard	45	Calculate Erosion Hazard

Sacramento River, RM 86.9R



Site Location Map



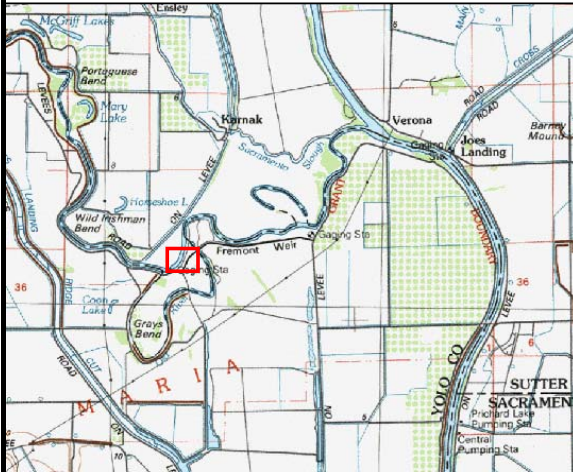
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1.5:1 slope
Berm Width (*2) - Estimated	1	25 30 ft
Location of erosion	5	toe and underwater
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	3	30%
Tree Hazard	5	large trees, roots exposed and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.18 ft/s
Human Usage	4	weekly, trail to bank
Erosion Hazard	44	Calculate Erosion Hazard

Sacramento River, RM 83.9R



Site Location Map



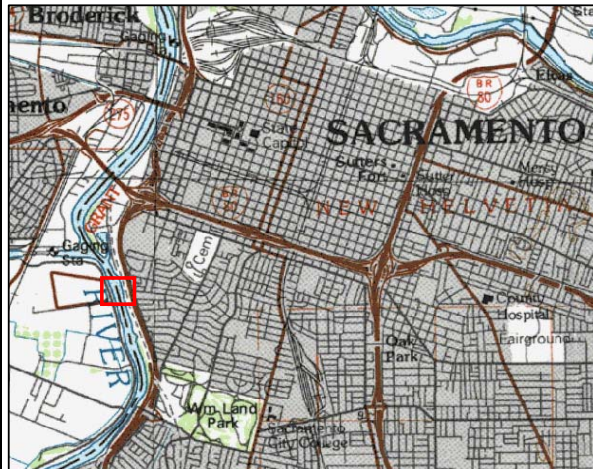
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	vertical bank
Berm Width (*2) - Estimated	0	40 to 50 ft
Location of erosion	3	full bank
Bank Stability	5	beaver burrows and vertical bank
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	4	10%
Tree Hazard	5	large trees with exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	2	2.15 ft/s
Human Usage	3	monthly, trail but not easy to access
Erosion Hazard	44	Calculate Erosion Hazard

Sacramento River, RM 57.0R



Site Location Map



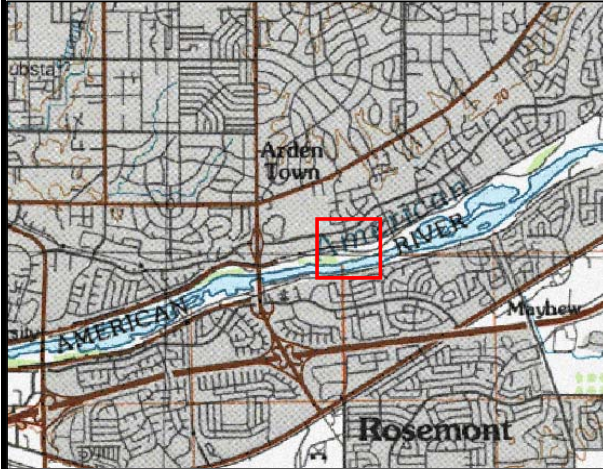
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	0 to 10 ft
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.02 ft/s
Human Usage	5	daily
Erosion Hazard	44	Calculate Erosion Hazard

Lower American River, RM 10.0L



Site Location Map



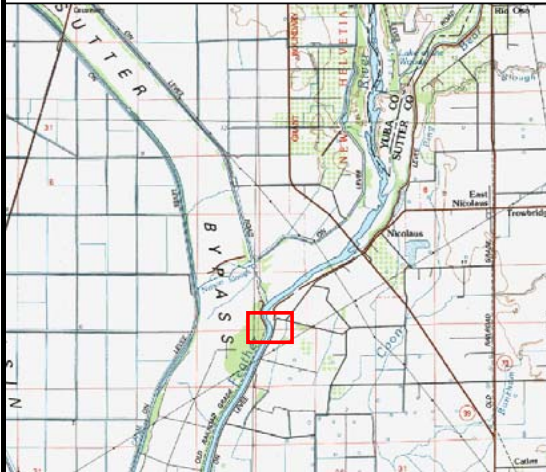
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	10 to 15 ft
Location of erosion	2	lower bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	60%
Tree Hazard	5	large trees, some exposed roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	5	8.74 ft/s
Human Usage	5	daily, people on banks, lots of trash and paths
Erosion Hazard	44	Calculate Erosion Hazard

Feather River, RM 7L



Site Location Map



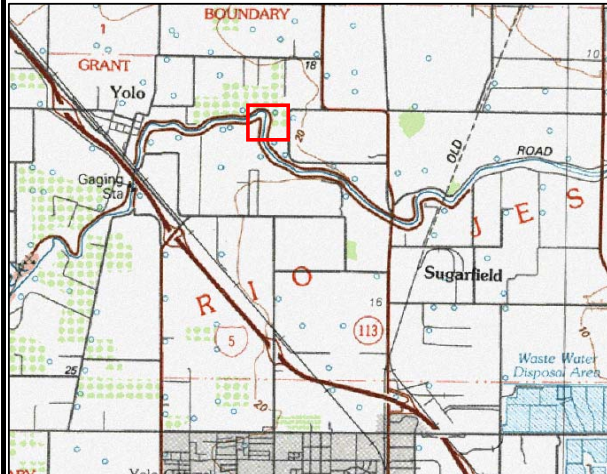
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 on bank
Berm Width (*2) - Estimated	3	about 5 ft
Location of erosion	3	toe
Bank Stability	2	vertical sections, less than half bank slope
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	2	40 to 50 %
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts with cobbles underneath
Velocity (*2)	5	9.97 ft/s
Human Usage	5	multiple paths down the bank and trash
Erosion Hazard	44	Calculate Erosion Hazard

Cache Creek, LM 3.4L



Site Location Map



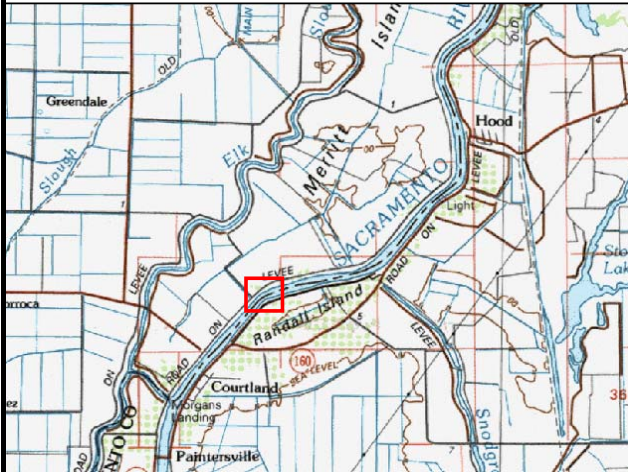
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	15 to 30 feet
Location of erosion	4	toe and upper bank
Bank Stability	5	vertical sections, less than half slope height, and caves
Site Relative to Bend	5	outside of a less than 90 degree bend
Vegetation Cover	2	40%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	6.5 ft/s
Human Usage	0	adjacent to private property, rare usage
Erosion Hazard	44	Calculate Erosion Hazard

Sacramento River, RM 35.3R



Site Location Map



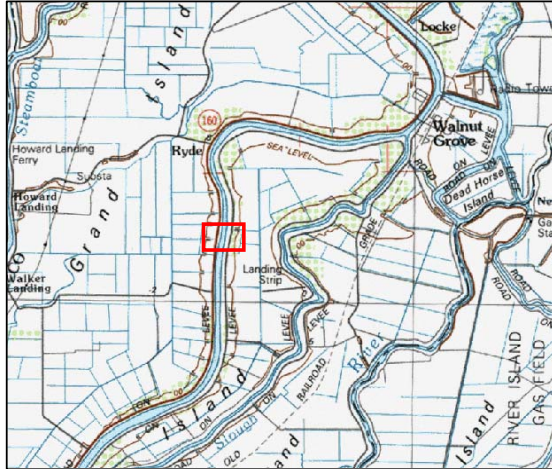
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	2	full bnak
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	1	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.89 ft/s
Human Usage	5	daily
Erosion Hazard	43	Calculate Erosion Hazard

Sacramento River, RM 23.2L



Site Location Map



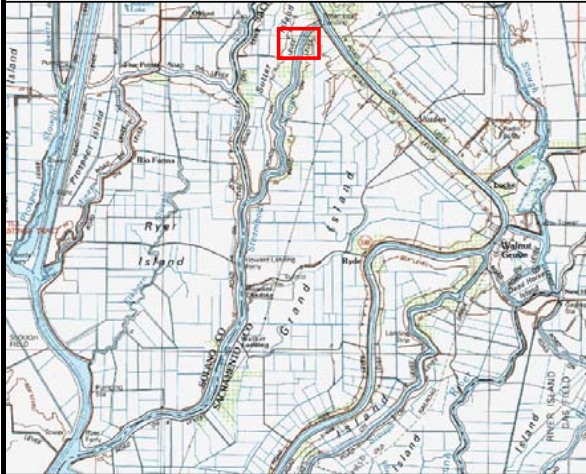
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	2	berm
Bank Stability	5	short vertical sections and caves
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70 %
Tree Hazard	4	medium trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.16 ft/s
Human Usage	4	weekly, path down
Erosion Hazard	43	Calculate Erosion Hazard

Steamboat Slough, RM 25.8R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower bank
Bank Stability	2	vertical sections
Site Relative to Bend	3	outside of slight bend
Vegetation Cover	1	60 - 70%
Tree Hazard	4	large trees, exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.87 ft/s
Human Usage	3	monthly
Erosion Hazard	43	Calculate Erosion Hazard

Georgiana Slough, RM 7.0R



Site Location Map



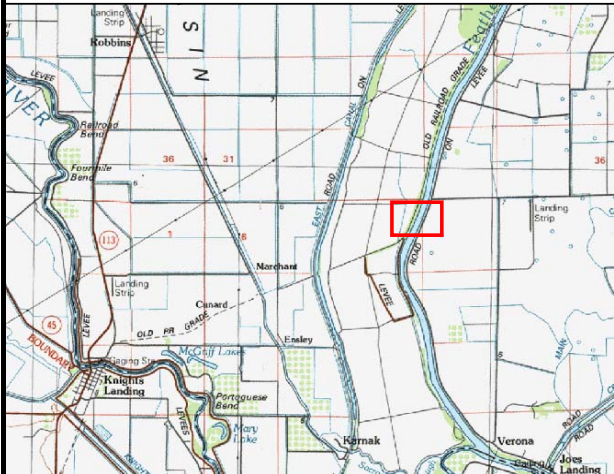
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 or less
Berm Width (*2) - Estimated	3	5 ft
Location of erosion	4	toe and bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	4	large trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.88 ft/s
Human Usage	2	seasonal
Erosion Hazard	43	Calculate Erosion Hazard

Feather River, RM 3.8L



Site Location Map



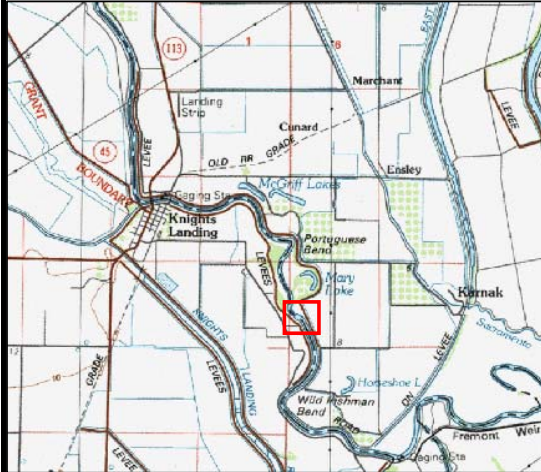
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	1	25 to 30 ft
Location of erosion	3	whole bank
Bank Stability	3	some holes from trees falling
Site Relative to Bend	1	straight
Vegetation Cover	1	70 to 80%
Tree Hazard	5	large trees with visible roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	7.08 ft/s
Human Usage	4	adjacent to road, weekly use
Erosion Hazard	43	Calculate Erosion Hazard

Sacramento River, RM 87.0L



Site Location Map



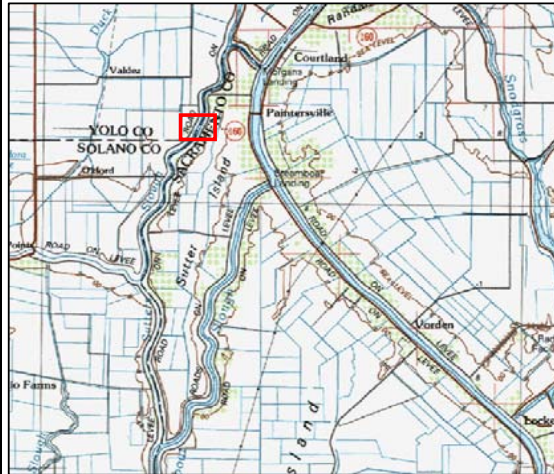
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 112 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	near vertical
Berm Width (*2) - Estimated	0	40 to 50 ft
Location of erosion	4	full bank and toe
Bank Stability	5	vertical sections greater than half bank height, and animal holes
Site Relative to Bend	0	inside of a bend
Vegetation Cover	4	10%
Tree Hazard	4	trees with exposed roots, one freshly fallen
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.18 ft/s
Human Usage	1	occassional
Erosion Hazard	42	Calculate Erosion Hazard

Sutter Slough, RM 26.5L



Site Location Map



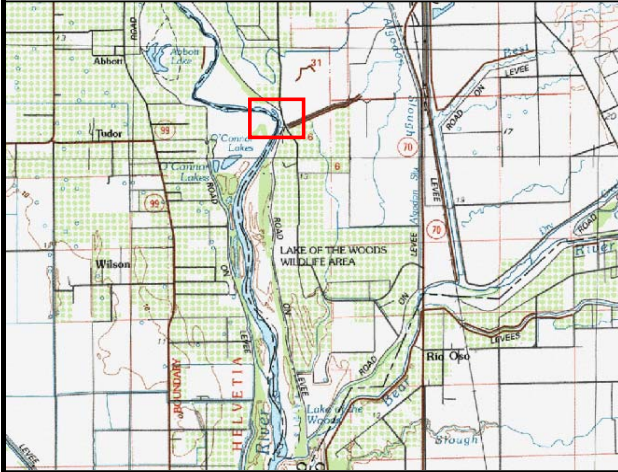
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	5	leaning trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.62 ft/s
Human Usage	3	monthly
Erosion Hazard	42	Calculate Erosion Hazard

Feather River, RM 17.8L



Site Location Map



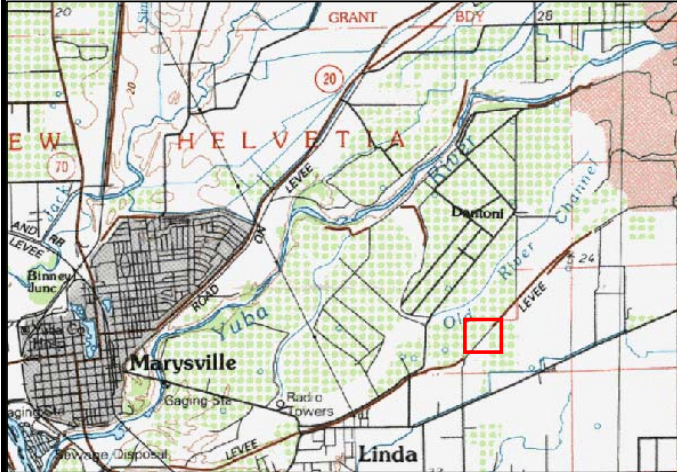
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	50 ft
Location of erosion	3	whole bank
Bank Stability	4	vertical sections for whole bank height
Site Relative to Bend	5	outside of a slightly less than 90 degree bend
Vegetation Cover	2	about 40 to 50%
Tree Hazard	5	large trees, roots exposed, and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.63 ft/s
Human Usage	1	Dumping spot but not much usage
Erosion Hazard	42	Calculate Erosion Hazard

Yuba River, LM 2.3 (DWR MA 8 South)



Site Location Map



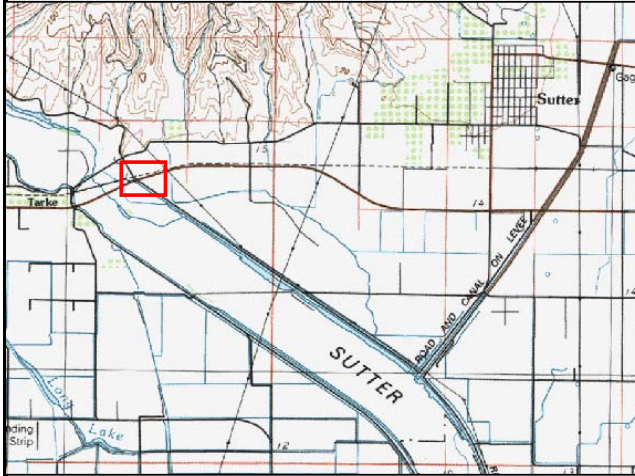
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	near vertical
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	2	shallow vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	4	minimal
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	0	water does not reach the bank
Human Usage	3	monthly usage
Erosion Hazard	42	Calculate Erosion Hazard

Sutter Bypass, LM 0.4 (DWR East)



Site Location Map



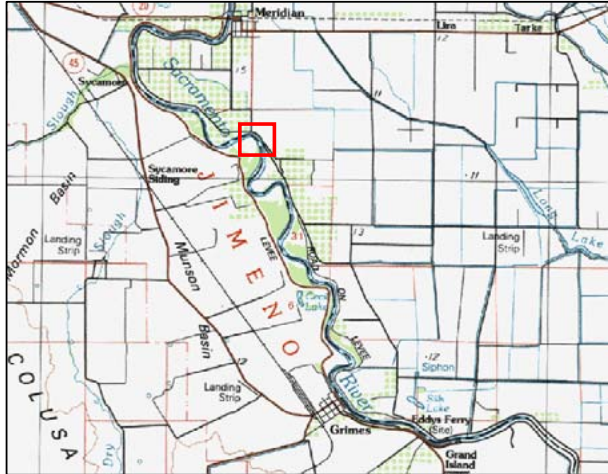
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	3	5 to 6 ft of berm
Location of erosion	4	toe and lower slope
Bank Stability	2	some vertical sections, less than half bank height
Site Relative to Bend	1	relatively straight
Vegetation Cover	3	minimal, less than 40%
Tree Hazard	2	medium sized trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	2	3.0 ft/s
Human Usage	4	near road, trash evident, weekly
Erosion Hazard	42	Calculate Erosion Hazard

Sacramento River, RM 130.0L



Site Location Map



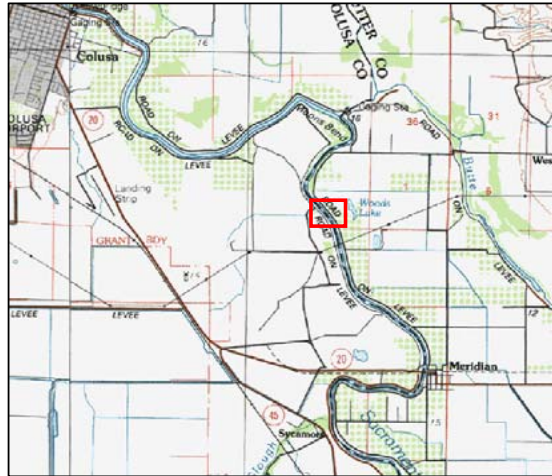
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	0 to 60 ft
Location of erosion	4	berm slope and toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	5	outside of a tight bend
Vegetation Cover	2	50%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	2.86 ft/s
Human Usage	2	seasonal
Erosion Hazard	41	Calculate Erosion Hazard

Sacramento River, RM 136.7R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	bank and toe
Bank Stability	5	vertical sections , greater than half bank height and caves
Site Relative to Bend	2	just downstream from a bend
Vegetation Cover	4	20%
Tree Hazard	5	trees with exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.17 ft/s
Human Usage	3	monthly
Erosion Hazard	41	Calculate Erosion Hazard

Sacramento River, RM 114.5R



Site Location Map



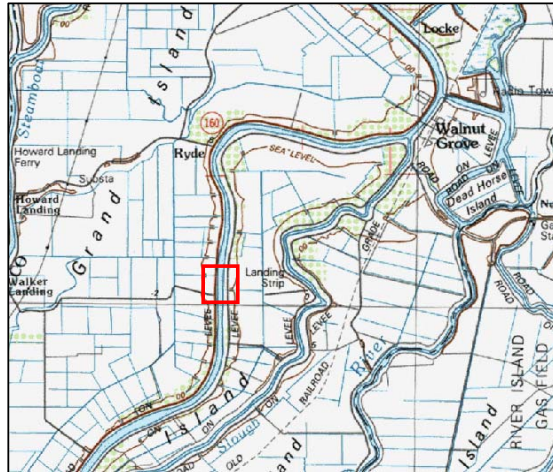
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	bank and toe
Bank Stability	4	vertical sections, greater than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	4	10%
Tree Hazard	5	large trees with exposed roots, some leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.3 ft/s
Human Usage	1	occassional
Erosion Hazard	41	Calculate Erosion Hazard

Sacramento River, RM 22.7L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	2	berm
Bank Stability	4	vertical sections greater than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	0	90%
Tree Hazard	3	large trees, one already fallen
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.82 ft/s
Human Usage	1	occassional
Erosion Hazard	41	Calculate Erosion Hazard

Georgiana Slough, RM 6.6L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	2	lower bank
Bank Stability	5	caves greater than 4 ft and vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	4	70%
Tree Hazard	1	young trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.77 ft/s
Human Usage	2	seasonal
Erosion Hazard	41	Calculate Erosion Hazard

Georgiana Slough, 4.6L



Site Location Map



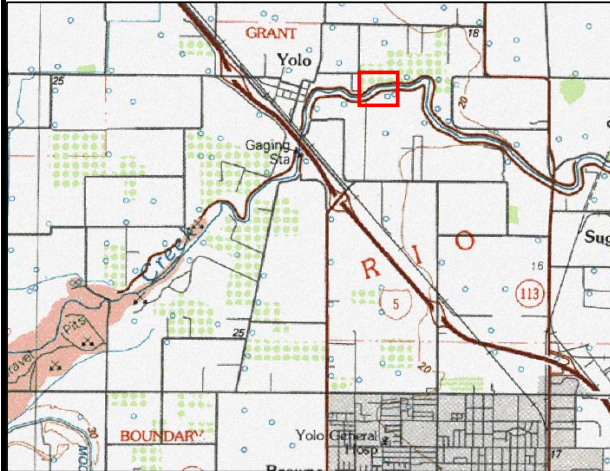
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	3	toe
Bank Stability	4	cvertical sections
Site Relative to Bend	1	straight
Vegetation Cover	0	85%
Tree Hazard	5	trees with exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.94 ft/s
Human Usage	0	too steep for access
Erosion Hazard	41	Calculate Erosion Hazard

Cache Creek, LM 2.8L



Site Location Map



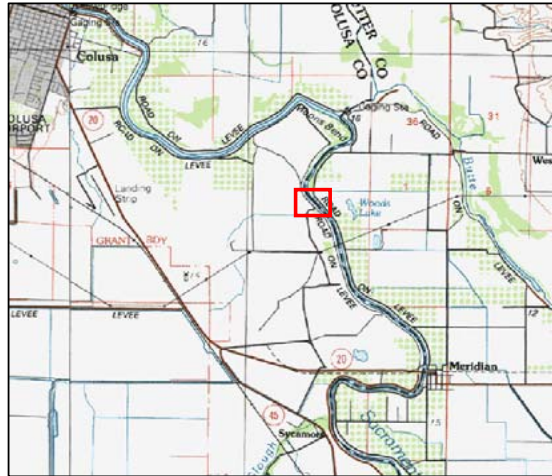
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 or less
Berm Width (*2) - Estimated	2	15 to 30 ft
Location of erosion	4	toe and upper bank slope
Bank Stability	4	vertical sections greater than half slope height
Site Relative to Bend	3	outside of gentle bend
Vegetation Cover	2	about 50%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.98 ft/s
Human Usage	0	private property adjacent, rare usage
Erosion Hazard	41	Calculate Erosion Hazard

Sacramento River, RM 136.9R



Site Location Map



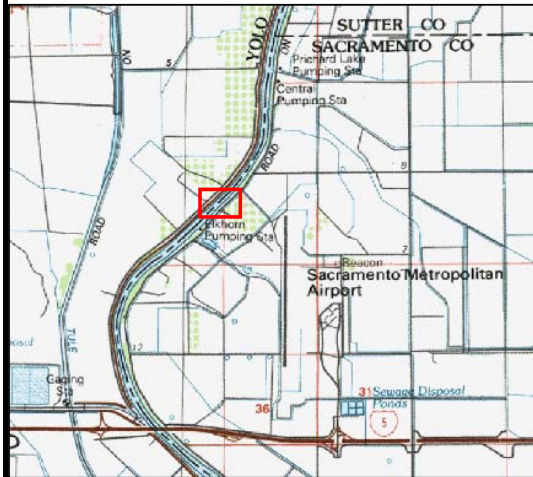
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	whole bank and toe
Bank Stability	5	vertical sections less than half bank height and caves
Site Relative to Bend	2	just downstream from a bend
Vegetation Cover	4	20%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.66 ft/s
Human Usage	3	monthly
Erosion Hazard	40	Calculate Erosion Hazard

Sacramento River, RM 73.5L



Site Location Map



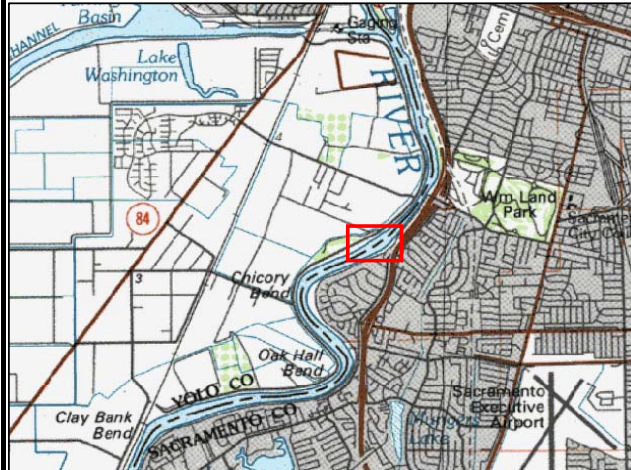
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	30 to 50 ft
Location of erosion	2	full bank
Bank Stability	5	vertical sections, greater than half bank height and caves
Site Relative to Bend	1	straight
Vegetation Cover	3	30%
Tree Hazard	3	large trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.74 ft/s
Human Usage	4	weekly
Erosion Hazard	36	Calculate Erosion Hazard

Sacramento River, RM 55.2L



Site Location Map



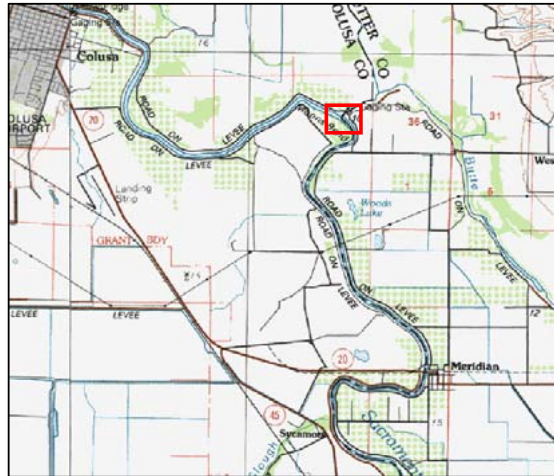
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	0 to 15 ft
Location of erosion	3	toe
Bank Stability	1	caves from tree popouts
Site Relative to Bend	1	relatively straight
Vegetation Cover	1	70 to 80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.5 ft/s (UNET)
Human Usage	2	seasonal
Erosion Hazard	40	Calculate Erosion Hazard

Sacramento River, RM 138.1L



Site Location Map



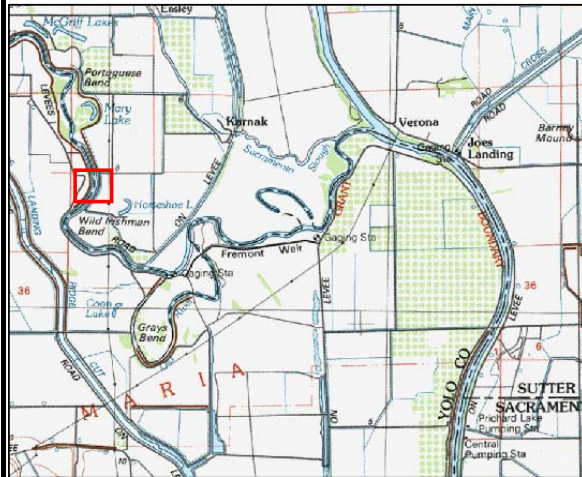
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower bank
Bank Stability	2	vertical section, less than half bank height
Site Relative to Bend	3	outside of gentle bend
Vegetation Cover	1	75%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	2.58 ft/s
Human Usage	3	monthly
Erosion Hazard	39	Calculate Erosion Hazard

Sacramento River, RM 86.5R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	3	8 to 10 ft
Location of erosion	2	full bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	0	inside of a bend
Vegetation Cover	3	30%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.41 ft/s
Human Usage	5	campground adjacent
Erosion Hazard	39	Calculate Erosion Hazard

Sacramento River, RM 55.5L



Site Location Map



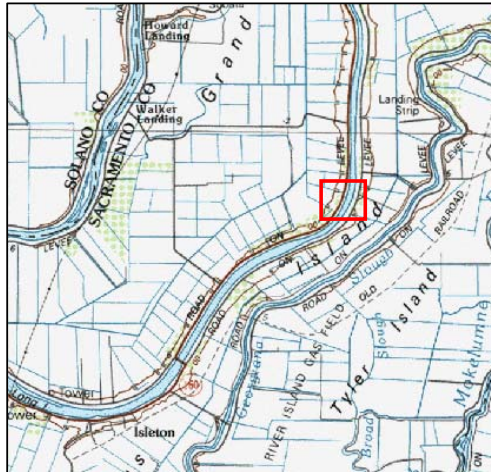
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	2	levee slope
Bank Stability	2	small vertical section
Site Relative to Bend	1	relatively straight
Vegetation Cover	2	40%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.84 ft/s
Human Usage	5	paths and human debris, adjacent to hotel
Erosion Hazard	39	Calculate Erosion Hazard

Sacramento River, RM 21.5L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1.5:1 slope
Berm Width (*2) - Estimated	3	5 ft of berm
Location of erosion	2	mid and lower bank
Bank Stability	0	no stability issues
Site Relative to Bend	3	outside of a slight bend
Vegetation Cover	0	90%
Tree Hazard	5	large leaning trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.3 ft/s
Human Usage	1	occassional, lots of veg
Erosion Hazard	39	Calculate Erosion Hazard

Georgiana Slough, RM 4.5L



Site Location Map



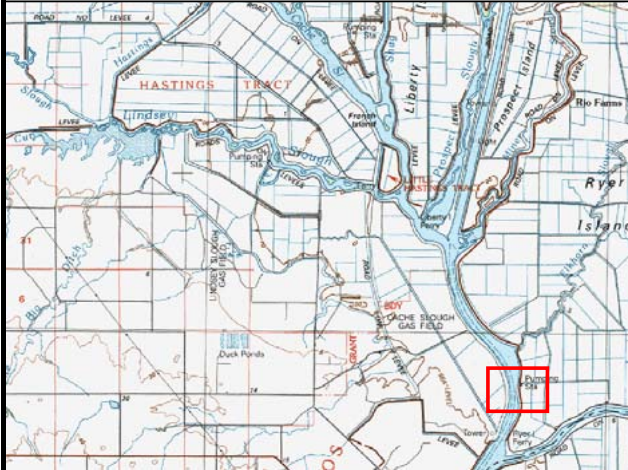
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	3	toe
Bank Stability	2	some vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	0	dense, 95%
Tree Hazard	5	trees with exposed roots and leaning
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.01 ft/s
Human Usage	0	too dense with vegetation for human use
Erosion Hazard	39	Calculate Erosion Hazard

Cache Slough, RM 15.9L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	4	3 to 6 ft
Location of erosion	3	toe
Bank Stability	5	vertical sections, less than half bank height, beaver burrows
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	2	about 40%
Tree Hazard	0	no trees
Soil Type (*2)	1	clays
Velocity (*2)	5	10.9 ft/s
Human Usage	3	monthly
Erosion Hazard	39	Calculate Erosion Hazard

Georgiana Slough, RM 8.3L



Site Location Map



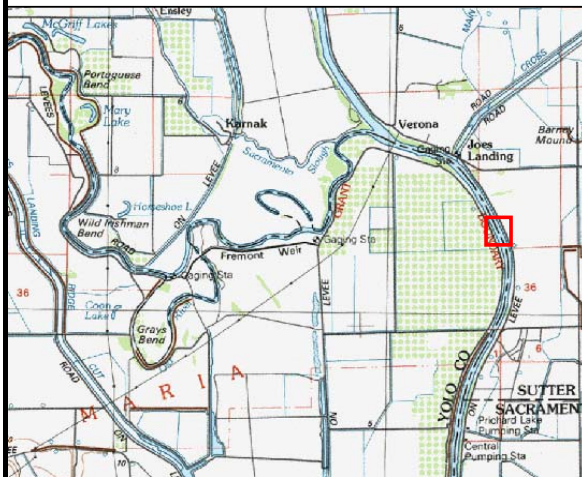
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	2	middle and lower bank
Bank Stability	4	vertical sections, greater than half bank height
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	1	80%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.68 ft/s
Human Usage	4	adjacent to public road, debris, weekly
Erosion Hazard	39	Calculate Erosion Hazard

Sacramento River, RM 77.7R



Site Location Map



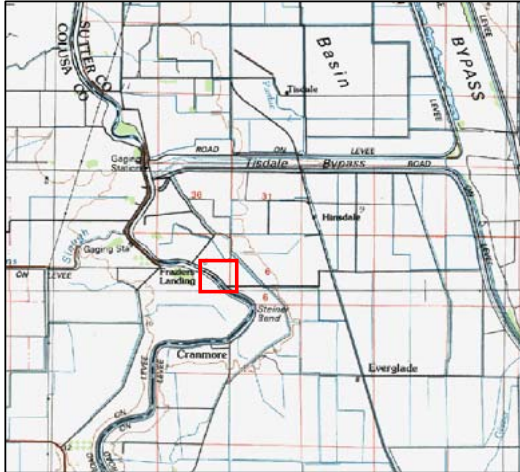
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	1	25 to 30 ft
Location of erosion	4	full bank and toe
Bank Stability	5	caves and some vertical sections
Site Relative to Bend	0	inside of bend
Vegetation Cover	2	30 to 40%
Tree Hazard	5	large trees with exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	5	5.08 ft/s plus eddy off adjacent rock
Human Usage	1	occassional
Erosion Hazard	39	Calculate Erosion Hazard

Sacramento River, RM 116.5L



Site Location Map



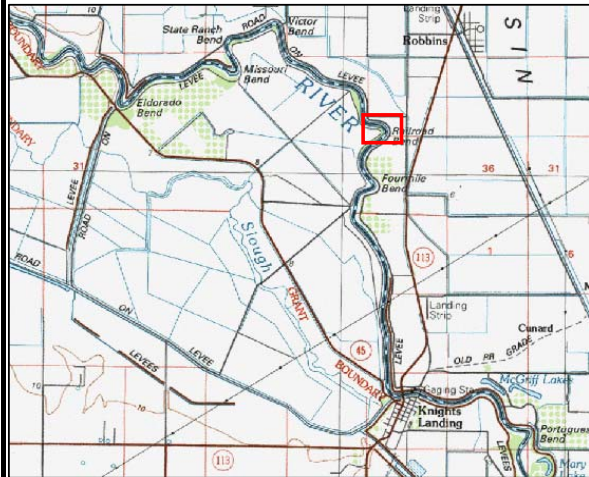
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	4	berm and toe
Bank Stability	5	vertical sections, full bank height, lots of beaver holes
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sand and silts
Velocity (*2)	3	4.0 ft/s
Human Usage	2	seasonal
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 93.7L



Site Location Map



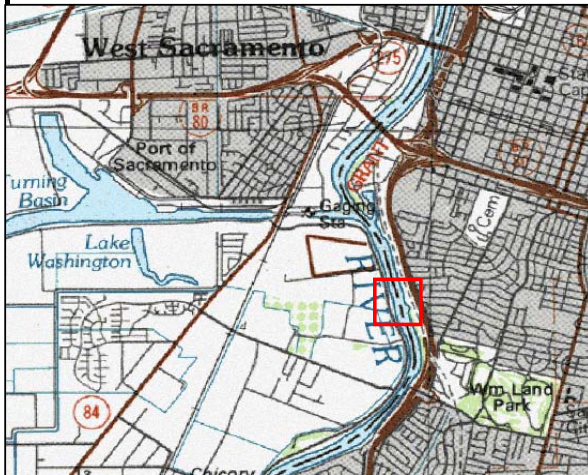
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	4	toe and bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	5	outside of a tight bend
Vegetation Cover	2	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.37 ft/s
Human Usage	1	daily, stairs and path down
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 56.7R



Site Location Map

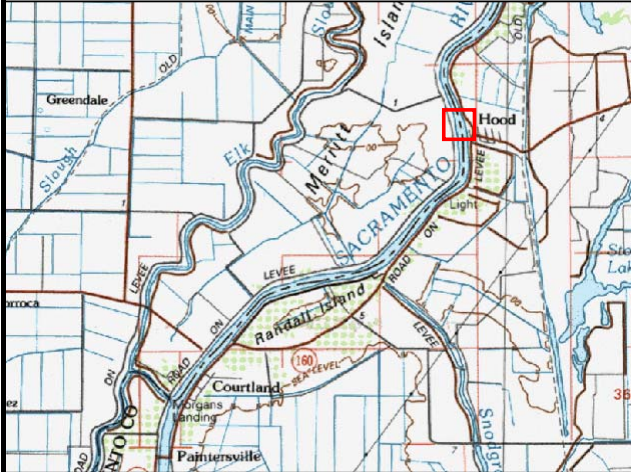
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 to 40 ft
Location of erosion	4	lower bank and toe
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.88 ft/s
Human Usage	5	daily
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 38.5R



Site Location Map



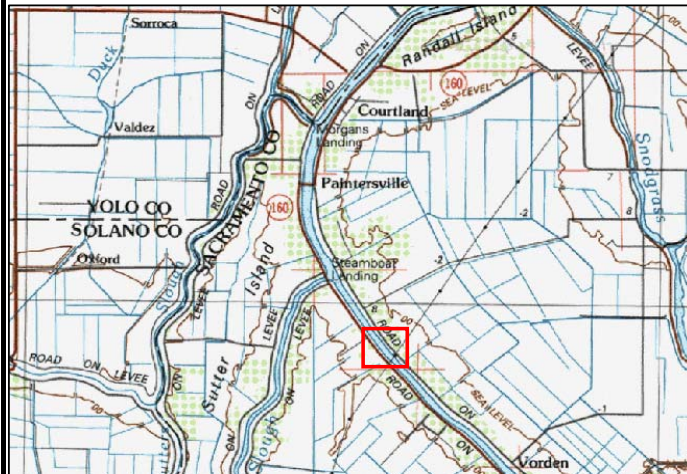
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	4	lower bank and toe
Bank Stability	2	vertical sections, less than half bank slope
Site Relative to Bend	1	straight
Vegetation Cover	2	40-50%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.46 ft/s
Human Usage	3	monthly
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 31.6R



Site Location Map



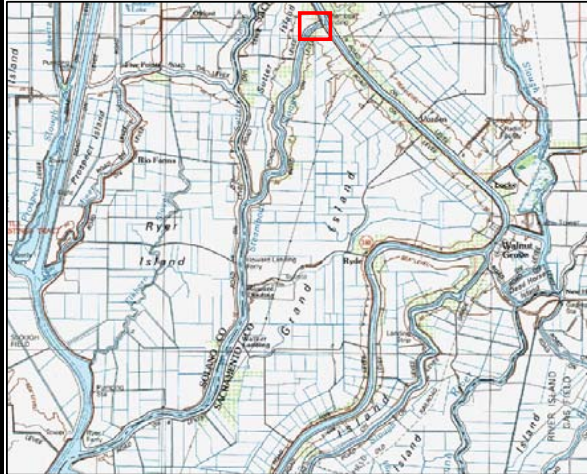
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	levee slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.23 ft/s
Human Usage	3	adjacent to road but no paths, monthly
Erosion Hazard	38	Calculate Erosion Hazard

Steamboat Slough, RM 26.0L



Site Location Map



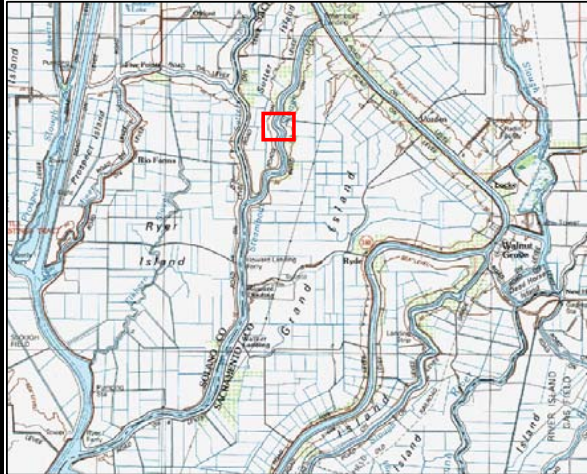
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	3	5 ft
Location of erosion	4	lower bank and toe
Bank Stability	1	caves from tree popouts
Site Relative to Bend	0	inside of a bend
Vegetation Cover	3	40%
Tree Hazard	5	large trees, exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.76 ft/s
Human Usage	3	monthly
Erosion Hazard	38	Calculate Erosion Hazard

Steamboat Slough, RM 23.9R



Site Location Map



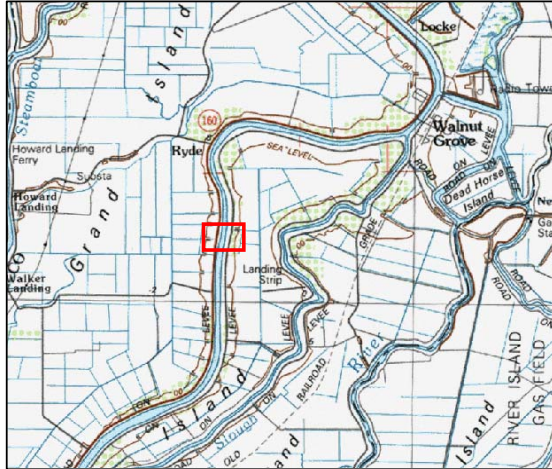
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	3	about 5 ft
Location of erosion	2	lower bank
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	0	90%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.45 ft/s
Human Usage	4	weekly
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 23.2L



Site Location Map



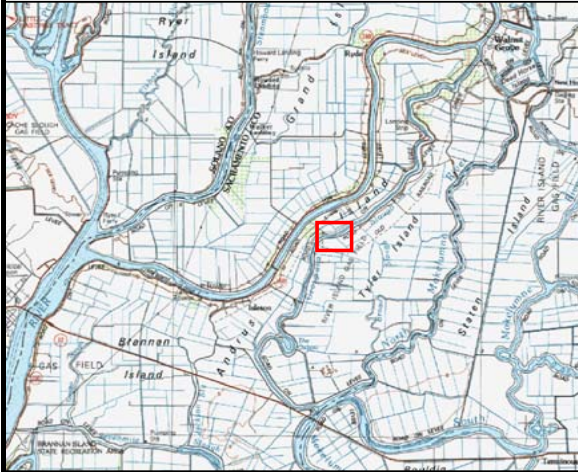
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	2	berm
Bank Stability	5	short vertical sections and caves
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70 %
Tree Hazard	4	medium trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.16 ft/s
Human Usage	4	weekly, path down
Erosion Hazard	43	Calculate Erosion Hazard

Georgiana Slough, RM 6.1L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	4	berm slope and toe
Bank Stability	1	caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	0	80 to 90%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.95 ft/s
Human Usage	2	seasonal
Erosion Hazard	38	Calculate Erosion Hazard

Feather River, RM 5.5L



Site Location Map



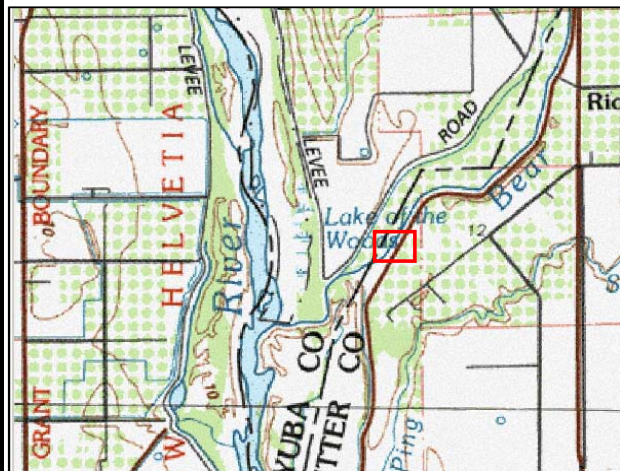
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope with some vertical sections
Berm Width (*2) - Estimated	1	25 to 30 ft
Location of erosion	3	whole bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	3	30 to 40 % cover
Tree Hazard	0	no trees in the erosion area
Soil Type (*2)	4	sands and silts
Velocity (*2)	5	10.6 ft/s
Human Usage	5	close to road, human debris evident
Erosion Hazard	38	Calculate Erosion Hazard

Bear River, RM 0.8L



Site Location Map



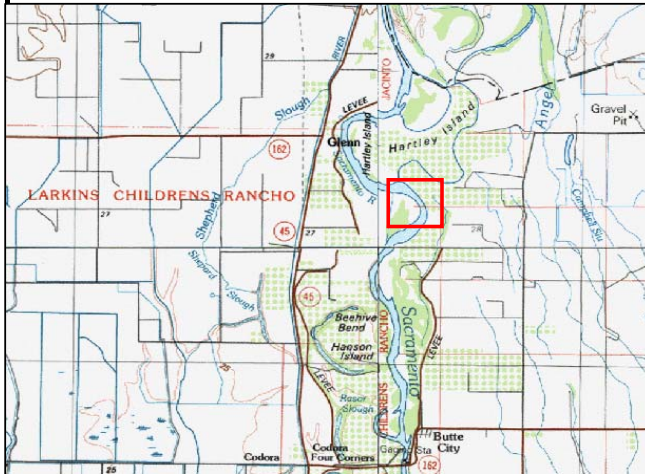
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	Vertical slope
Berm Width (*2) - Estimated	2	15 to 30 ft of berm
Location of erosion	5	Whole Bank
Bank Stability	5	vertical sections and beaver burrows
Site Relative to Bend	3	Outside of a bend, greater than 90 degrees
Vegetation Cover	2	About 60% cover
Tree Hazard	0	no trees
Soil Type (*2)	2	Clays and Silts
Velocity (*2)	2	2.84 ft/s
Human Usage	1	Occassional usage
Erosion Hazard	38	Calculate Erosion Hazard

Sacramento River, RM 172.0L



Site Location Map

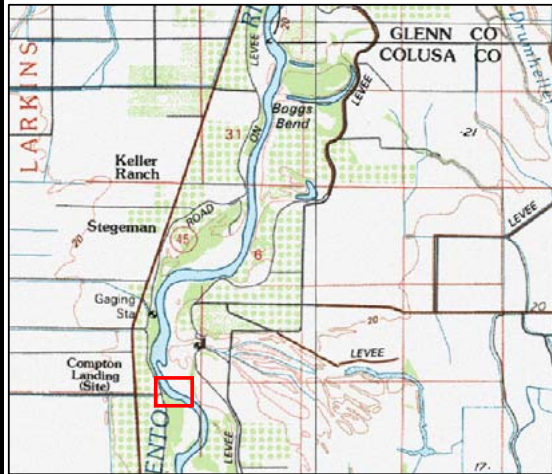
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	5	vertical banks
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	whole bank and toe
Bank Stability	5	vertical sections and caves
Site Relative to Bend	3	outside of a greater than 90 degree bend
Vegetation Cover	3	minimal, on upper bank only, 30%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays with some silts
Velocity (*2)	4	5.64 ft/s
Human Usage	0	rare, too steep
Erosion Hazard	37	Calculate Erosion Hazard

Sacramento River, RM 157.7R



Site Location Map



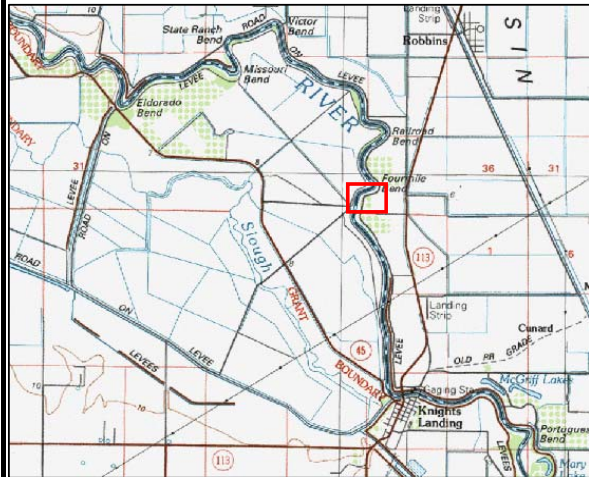
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	less than 1:1 slope, near vertical
Berm Width (*2) - Estimated	0	50 ft
Location of erosion	4	full bank and toe
Bank Stability	5	vertical sections and some animal holes
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	70 to 80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.69 ft/s
Human Usage	0	rare
Erosion Hazard	37	Calculate Erosion Hazard

Sacramento River, RM 92.8L



Site Location Map



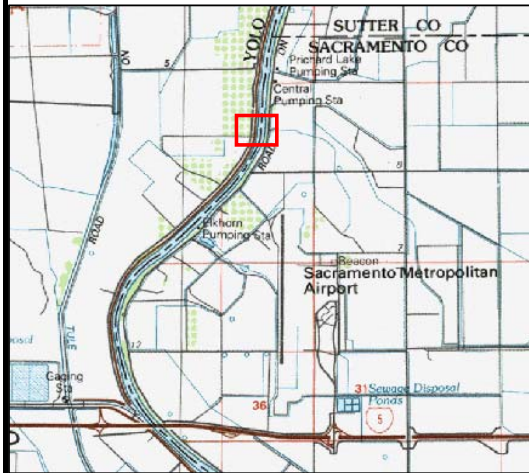
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	0 to 15 ft
Location of erosion	3	toe
Bank Stability	0	short vertical sections
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	1	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.32 ft/s
Human Usage	3	monthly
Erosion Hazard	37	Calculate Erosion Hazard

Sacramento River, RM 74.4R



Site Location Map



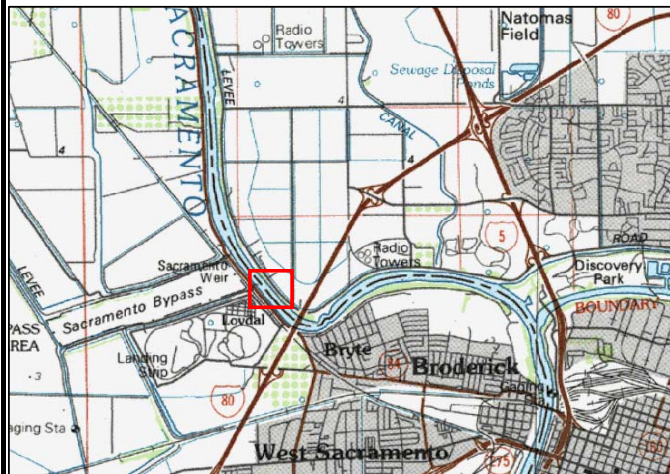
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 or less
Berm Width (*2) - Estimated	1	25 to 50 ft
Location of erosion	4	toe and bank
Bank Stability	3	caves greater than 4 ft
Site Relative to Bend	0	inside of a bend
Vegetation Cover	4	less than 20%
Tree Hazard	5	trees with exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.74 ft/s
Human Usage	1	occassional
Erosion Hazard	37	Calculate Erosion Hazard

Sacramento River, RM 63.0R



Site Location Map



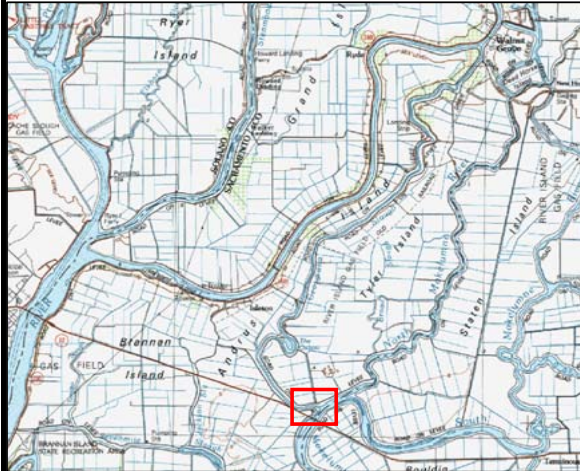
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	less than 20 ft
Location of erosion	3	toe
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	3	30%
Tree Hazard	5	large trees, exposed roots, some leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	2.87 ft/s
Human Usage	5	stairs down to bank, daily
Erosion Hazard	37	Calculate Erosion Hazard

Georgiana Slough, RM 0.3L



Site Location Map



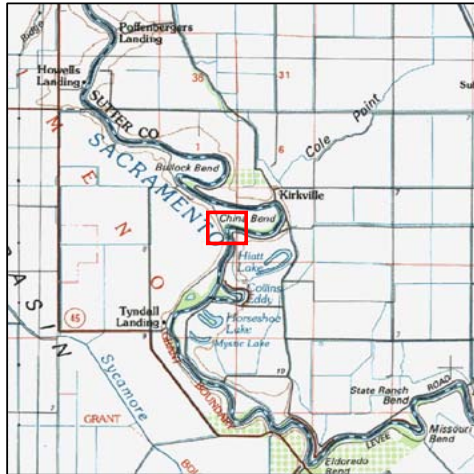
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	4	toe and levee slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	3	outside of a slight bend
Vegetation Cover	0	about 90%
Tree Hazard	0	small trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.63 ft/s
Human Usage	2	one path down with grass growing over it, seasonal use
Erosion Hazard	37	Calculate Erosion Hazard

Sacramento River, RM 103.4L



Site Location Map



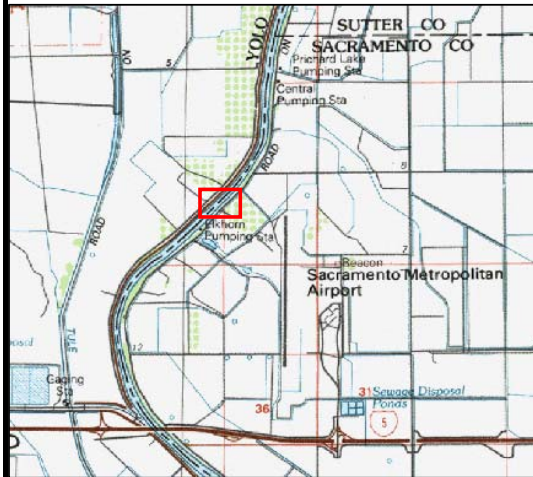
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 to 1.5:1 slopes
Berm Width (*2) - Estimated	1	25 ft
Location of erosion	4	full bank and toe
Bank Stability	2	vertical sections, full bank height
Site Relative to Bend	0	inside of a bend
Vegetation Cover	3	25%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	3.52 ft/s, plus eddy
Human Usage	1	occassional
Erosion Hazard	36	Calculate Erosion Hazard

Sacramento River, RM 73.5L



Site Location Map



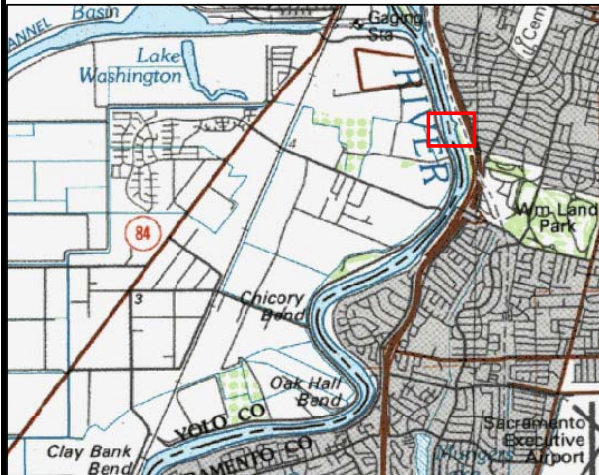
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	30 to 50 ft
Location of erosion	2	full bank
Bank Stability	5	vertical sections, greater than half bank height and caves
Site Relative to Bend	1	straight
Vegetation Cover	3	30%
Tree Hazard	3	large trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.74 ft/s
Human Usage	4	weekly
Erosion Hazard	36	Calculate Erosion Hazard

Sacramento River, RM 56.5R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	1	25 ft
Location of erosion	2	berm
Bank Stability	5	caves and vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	0	80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.11 ft/s
Human Usage	4	weekly, rope swing
Erosion Hazard	36	Calculate Erosion Hazard

Georgiana Slough, RM 9.3L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	3	whole bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	5	outside of a sharp bend
Vegetation Cover	0	85%
Tree Hazard	2	medium trees
Soil Type (*2)	4	silts and sands
Velocity (*2)	1	1.07 ft/s
Human Usage	2	thick vegetation, seasonal
Erosion Hazard	36	Calculate Erosion Hazard

Georgiana Slough, RM 6.4L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	3	toe
Bank Stability	1	caves, small
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	4	large trees and exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.78 ft/s
Human Usage	2	seasonal
Erosion Hazard	36	Calculate Erosion Hazard

Georgiana Slough, RM 3.6L



Site Location Map



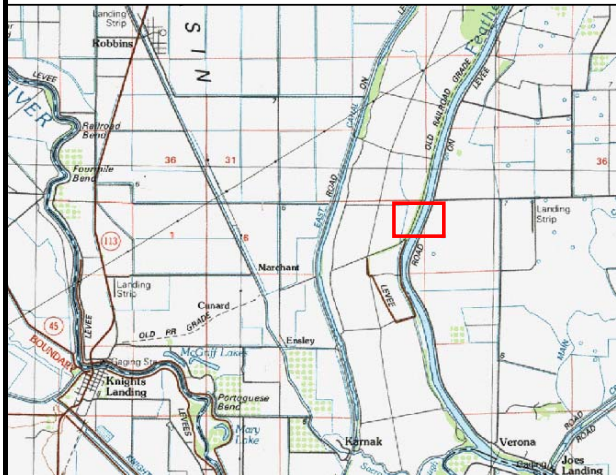
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft of berm
Length of erosion	4	1165 ft
Bank Stability	3	beaver burrow at toe, greater than 4 ft
Site Relative to Bend	0	inside of a bend
Vegetation Cover	0	90% cover
Tree Hazard	2	medium trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.64 ft/s
Human Usage	1	occassional
Erosion Hazard	36	Calculate Erosion Hazard

Feather River, RM 3.6L



Site Location Map



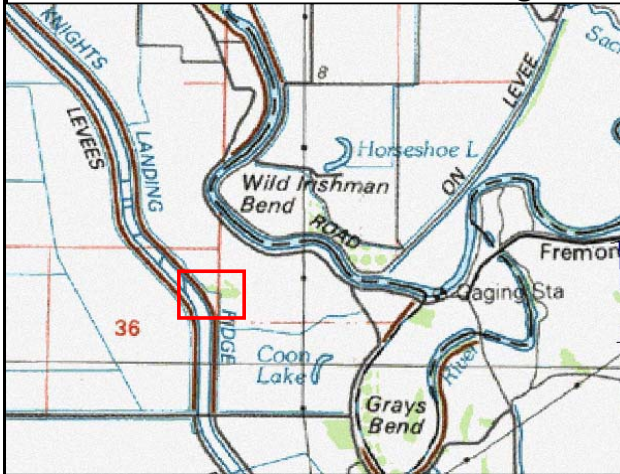
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	2	whole bank
Bank Stability	3	holes left from fallen trees, and erosion pockets
Site Relative to Bend	1	straight
Vegetation Cover	0	80 to 90%
Tree Hazard	4	large trees with visible roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	7.23 ft/s
Human Usage	4	Path down, a bare spot that appears to be used by humans
Erosion Hazard	36	Calculate Erosion Hazard

Knights Landing Ridge Cut, LM 3.1 (KLRD Unit 2 East)



Site Location Map



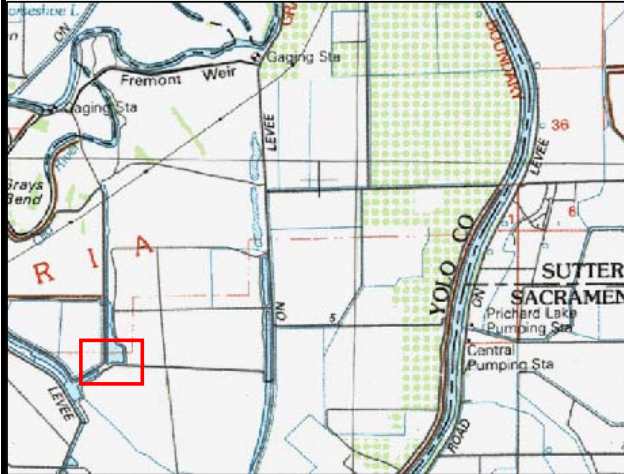
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	5	pipng holes and vertical sections
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	60 to 70%
Tree Hazard	4	large trees, exposed roots
Soil Type (*2)	2	silts with some clays
Velocity (*2)	0	0.1 ft/s
Human Usage	1	occassional, no access but close to town
Erosion Hazard	36	Calculate Erosion Hazard

Yolo Bypass, LM 2.6 (DWR Unit 1 West)



Site Location Map



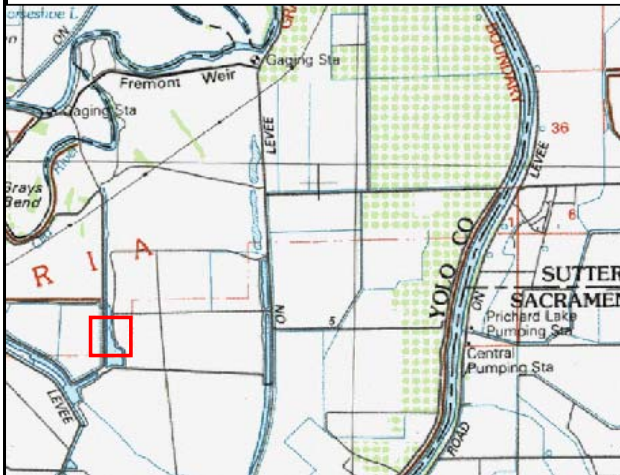
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	4	vertical sections, about half bank height
Site Relative to Bend	1	straight
Vegetation Cover	2	medium cover
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	36	Calculate Erosion Hazard

Yolo Bypass, LM 2.5 (DWR Unit 1 West)



Site Location Map



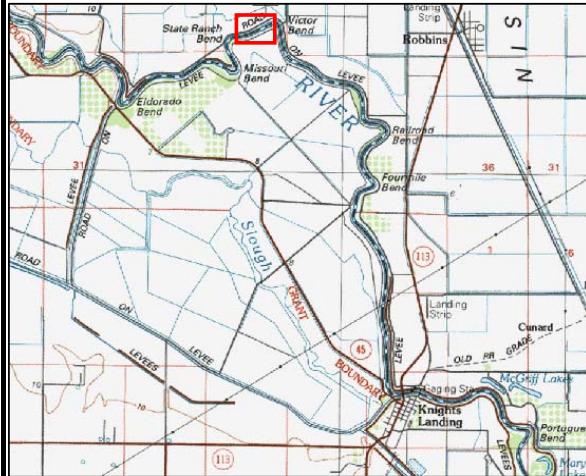
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	4	vertical sections about half bank height
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	36	Calculate Erosion Hazard

Sacramento River, RM 96.2L



Site Location Map



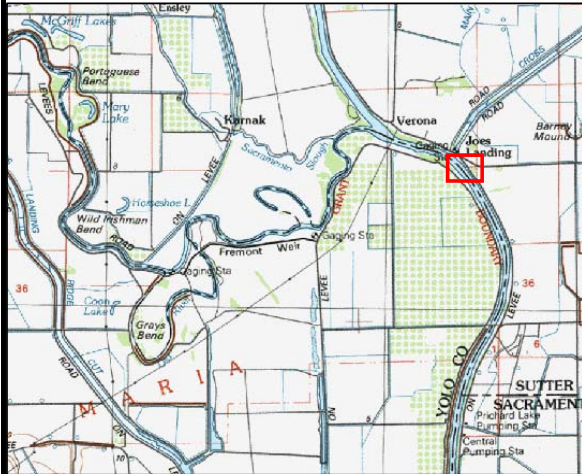
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 112 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	full bank and toe
Bank Stability	5	vertical sections and caves
Site Relative to Bend	1	relatively straight
Vegetation Cover	3	30 - 40%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.23 ft/s
Human Usage	0	rare, too steep
Erosion Hazard	35	Calculate Erosion Hazard

Sacramento River, RM 78.8L



Site Location Map



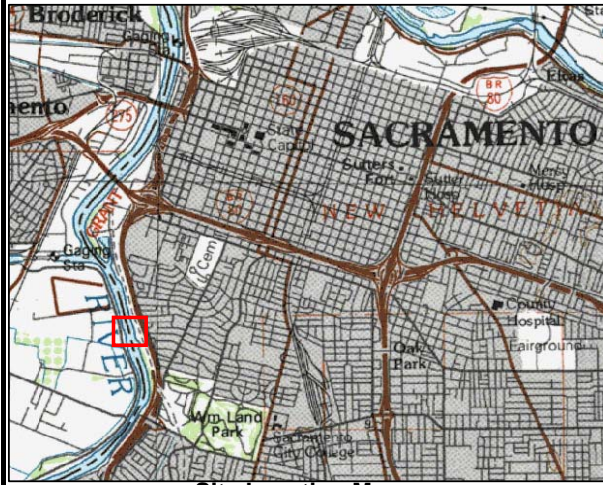
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	35 ft
Location of erosion	3	toe
Bank Stability	5	vertical sections less than half bank height and caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	60 - 70%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.82 ft/s
Human Usage	0	rare
Erosion Hazard	35	Calculate Erosion Hazard

Sacramento River, RM 56.6L



Site Location Map



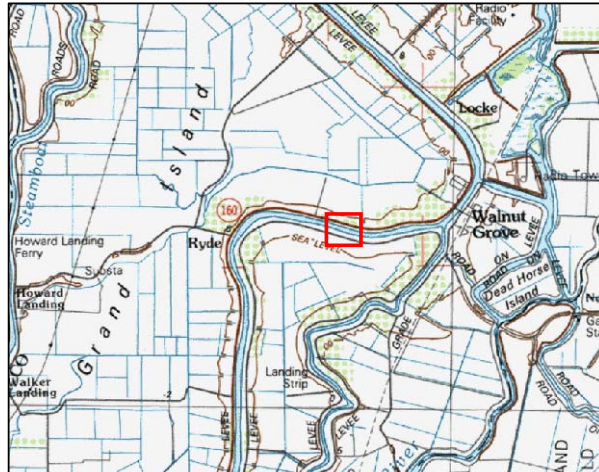
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1
Berm Width (*2) - Estimated	0	125 ft
Location of erosion	4	levee slope and toe
Bank Stability	2	small vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	3	40%
Tree Hazard	3	large trees, one recently fallen
Soil Type (*2)	4	sands and silts
Velocity (*2)	4	5.11 ft/s
Human Usage	0	gate on top, rare
Erosion Hazard	35	Calculate Erosion Hazard

Sacramento River, RM 25.2L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	2	berm slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.54 ft/s
Human Usage	3	monthly, some debris
Erosion Hazard	35	Calculate Erosion Hazard

Georgiana Slough, RM 1.7L



Site Location Map



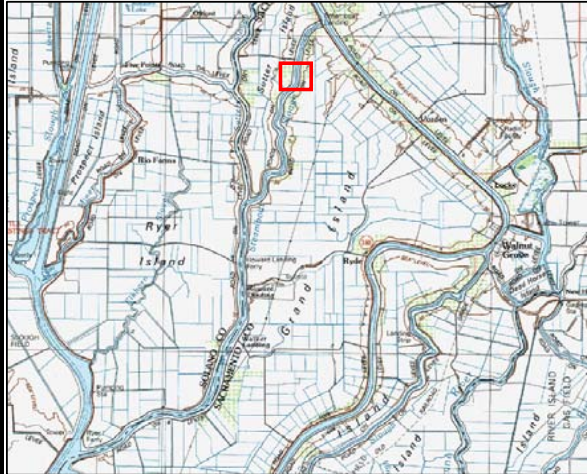
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	3	toe
Bank Stability	3	beaver burrows, greater than 4 ft
Site Relative to Bend	1	straight
Vegetation Cover	0	95%
Tree Hazard	2	medium trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.05 ft/s
Human Usage	0	Vegetation too dense for human access
Erosion Hazard	35	Calculate Erosion Hazard

Steamboat Slough, RM 25.0L



Site Location Map



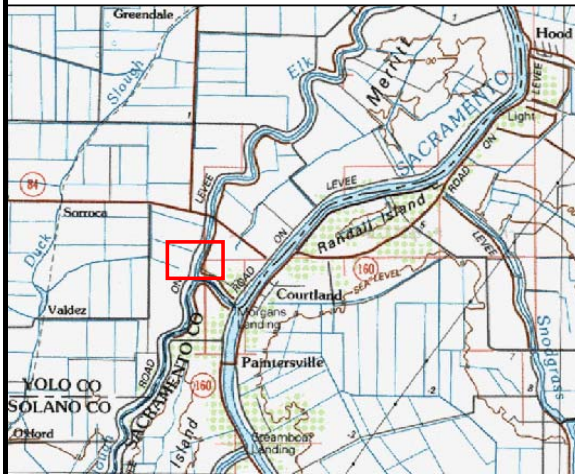
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	3	5 ft
Location of erosion	2	lower bank
Bank Stability	1	caves from tree popouts
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	5	large trees, exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.48 ft/s
Human Usage	2	seasonal
Erosion Hazard	35	Calculate Erosion Hazard

Elk Slough, RM 0.2



Site Location Map



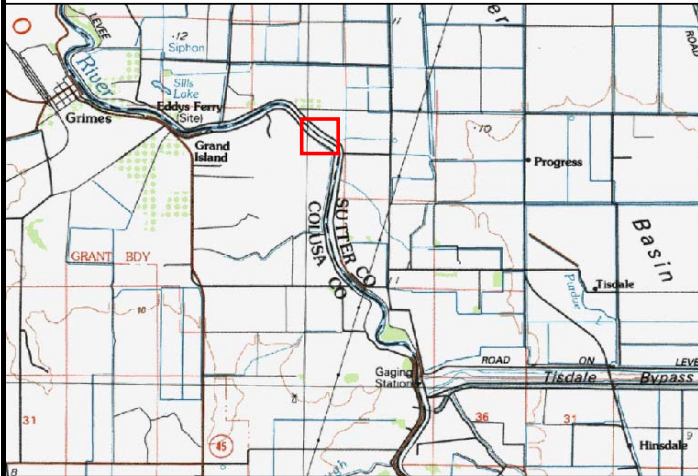
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	levee slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	0	dense, 80 to 90%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	1	clays
Velocity (*2)	2	3 ft/s
Human Usage	3	near highway, monthly
Erosion Hazard	35	Calculate Erosion Hazard

Sacramento River, RM 122.3R



Site Location Map



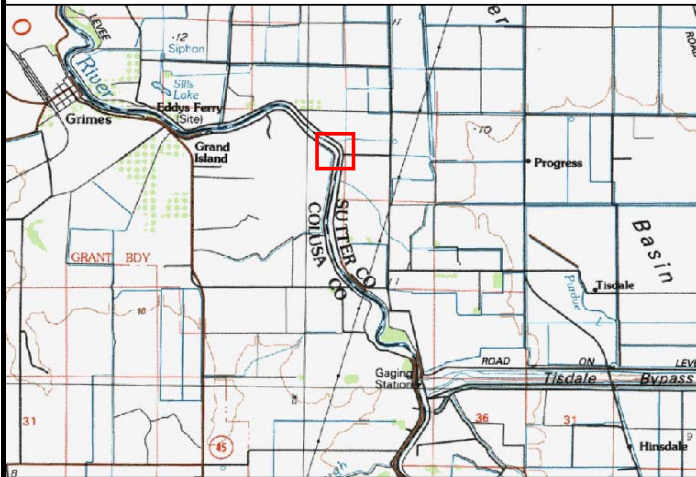
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	40 ft
Location of erosion	4	bank and toe
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	2	40 - 50%
Tree Hazard	4	large trees, exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.48 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Sacramento River, RM 122.0R



Site Location Map



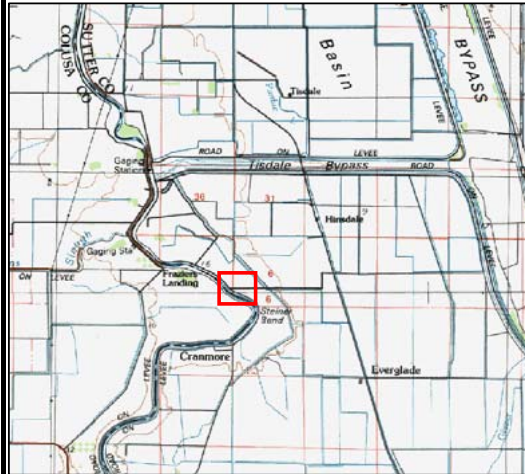
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	0	40 ft
Location of erosion	4	lower bank and toe
Bank Stability	4	vertical sections greater than half bank height
Site Relative to Bend	0	inside of a bend
Vegetation Cover	2	40%
Tree Hazard	5	large trees, exposed roots and leaning
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.01 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Sacramento River, RM 116.0L



Site Location Map



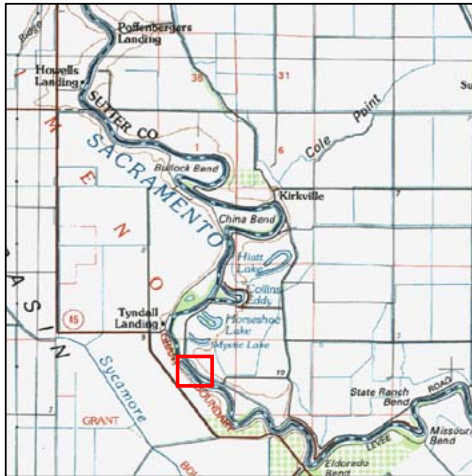
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 112 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1.5: slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	toe and berm
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.35 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Sacramento River, RM 101.3R



Site Location Map



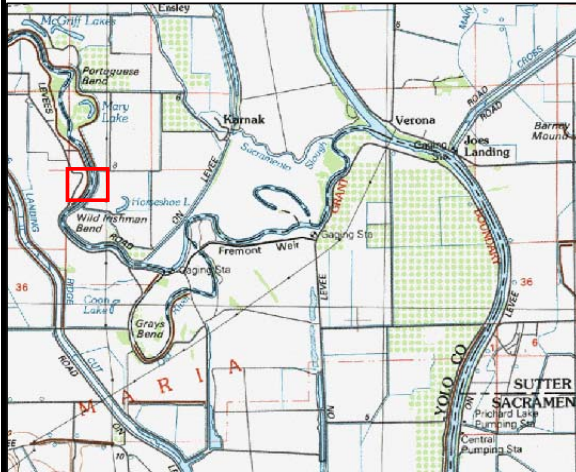
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	greater than 10 ft
Location of erosion	3	toe
Bank Stability	5	caves less than 4 ft and some vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	0	small trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	3.22 ft/s
Human Usage	1	occassional
Erosion Hazard	34	Calculate Erosion Hazard

Sacramento River, RM 86.3L



Site Location Map



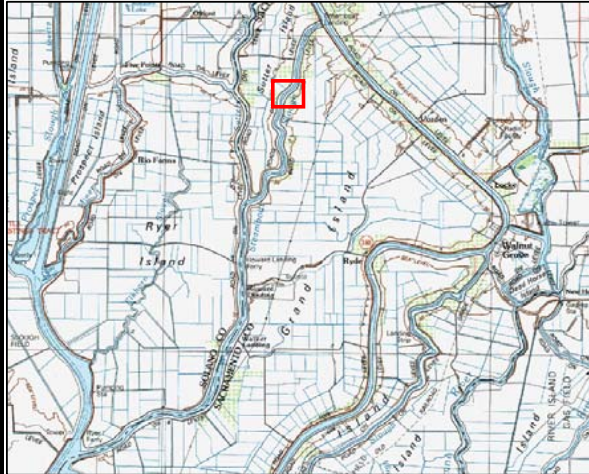
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 to 50 ft
Location of erosion	3	toe
Bank Stability	5	vertical sections less than half bank height and caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	2	about 50%
Tree Hazard	0	no trees on bank
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.35 ft/s
Human Usage	1	occassional
Erosion Hazard	34	Calculate Erosion Hazard

Steamboat Slough, RM 24.7R



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	3	5 ft
Location of erosion	2	full bank
Bank Stability	2	some vertical sections
Site Relative to Bend	0	inside of a bend
Vegetation Cover	1	75%
Tree Hazard	4	trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.67 ft/s
Human Usage	1	occassional
Erosion Hazard	34	Calculate Erosion Hazard

Steamboat Slough, RM 18.8R



Site Location Map



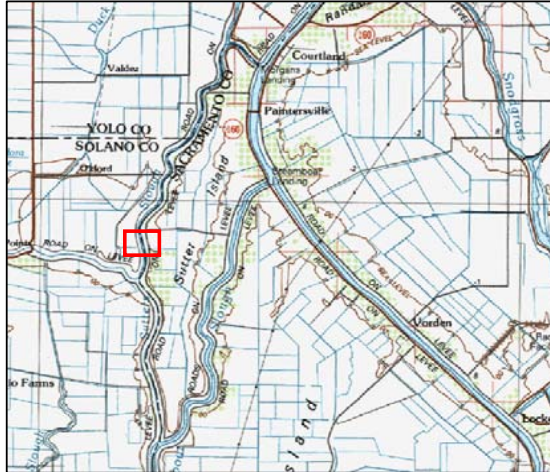
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	levee slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	0	90%
Tree Hazard	1	young trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	3.72 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Sutter Slough, RM 24.7R



Site Location Map



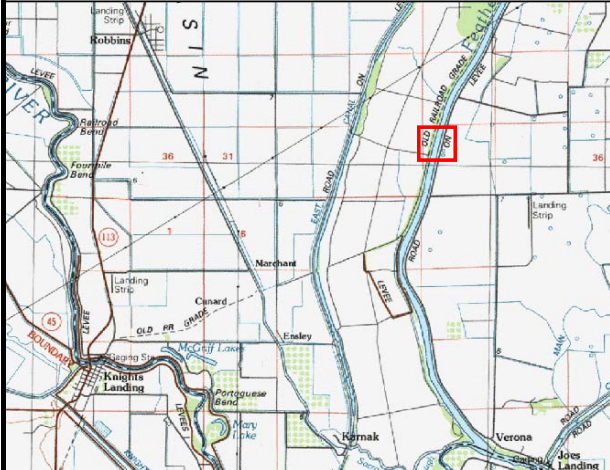
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	3	5 ft
Location of erosion	2	lower bank
Bank Stability	2	vertical sections, half bank height
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	0	80%
Tree Hazard	4	small to medium trees, exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.73 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Feather River, RM 4.9L



Site Location Map



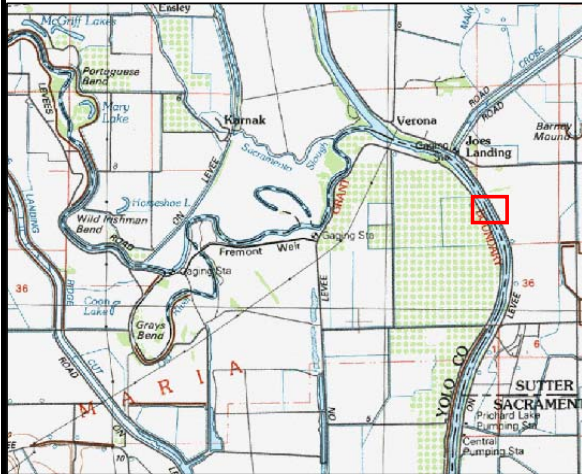
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	greater than 30 ft
Location of erosion	1	berm
Bank Stability	0	no vertical sections or burrows
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70% cover
Tree Hazard	4	trees with visible roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	5	8.79 ft/s
Human Usage	3	monthly
Erosion Hazard	34	Calculate Erosion Hazard

Sacramento River, RM 78.3L



Site Location Map



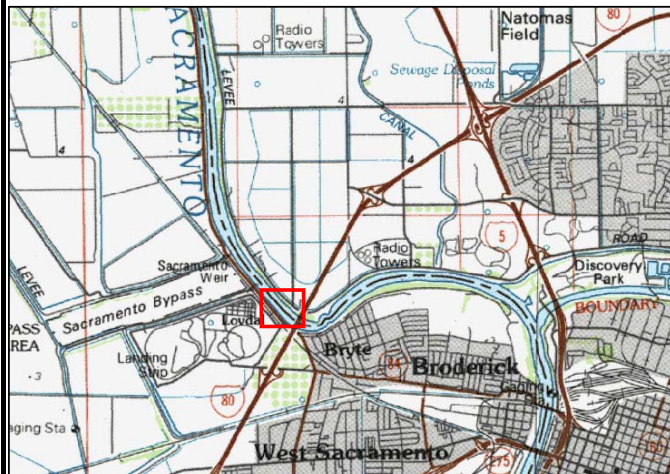
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	80%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.89 ft/s
Human Usage	5	daily, road and lots of human debris
Erosion Hazard	33	Calculate Erosion Hazard

Sacramento River, RM 62.9R



Site Location Map



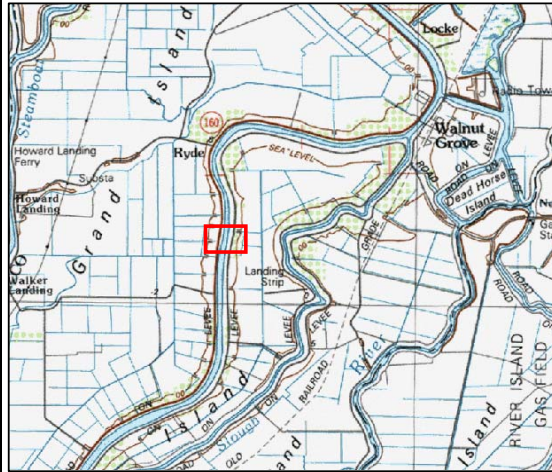
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	less than 20 ft
Location of erosion	3	toe
Bank Stability	2	vertical sections, less than halfbank height
Site Relative to Bend	1	straight
Vegetation Cover	1	80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	3.08 ft/s
Human Usage	2	heavy veg, seasonal
Erosion Hazard	33	Calculate Erosion Hazard

Sacramento River, RM 23.3L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	2:1 slope
Berm Width (*2) - Estimated	0	30 to 50 ft
Location of erosion	4	berm and toe
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	0	80 - 90%
Tree Hazard	4	large trees, exposed roots
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.16 ft/s
Human Usage	2	seasonal
Erosion Hazard	33	Calculate Erosion Hazard

Georgiana Slough, RM 6.8L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	1	levee slope
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	0	95%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.77 ft/s
Human Usage	2	seasonal
Erosion Hazard	33	Calculate Erosion Hazard

Georgiana Slough, RM 4.3L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft of berm
Location of erosion	3	toe
Bank Stability	0	no vertical sections or beaver burrows
Site Relative to Bend	1	straight
Vegetation Cover	0	90%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.02 ft/s
Human Usage	1	occassional
Erosion Hazard	33	Calculate Erosion Hazard

Georgiana Slough, RM 3.7L (b)



Site Location Map



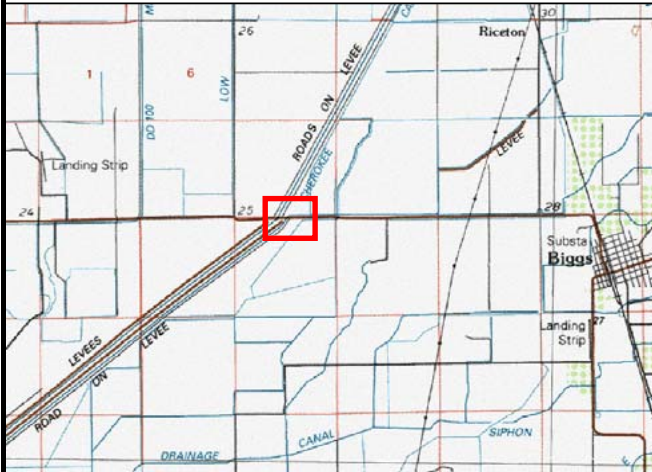
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	3	toe
Bank Stability	1	some erosion pockets
Site Relative to Bend	0	inside of a bend
Vegetation Cover	1	70% cover
Tree Hazard	1	young trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.04 ft/s
Human Usage	1	adjacent to private property, occassional
Erosion Hazard	33	Calculate Erosion Hazard

Cherokee Canal, LM 14.0 (DWR MA 13 Unit 2 East)



Site Location Map



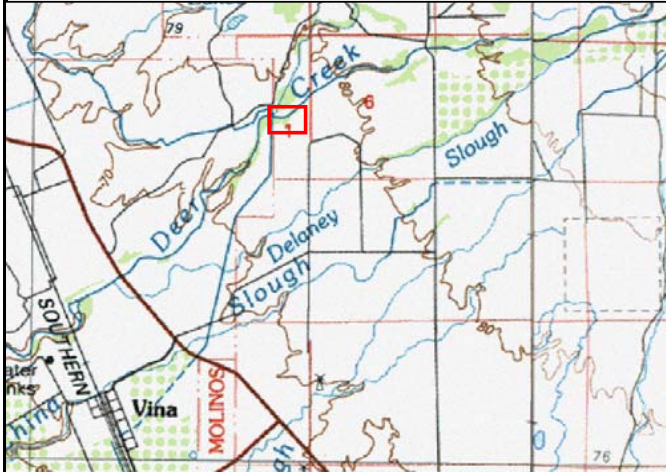
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	3	Piping holes greater than 4 ft
Site Relative to Bend	3	outside of slight bend
Vegetation Cover	0	grass covers 80 to 90%
Tree Hazard	0	no trees
Soil Type (*2)	2	silts and clays
Velocity (*2)	3	4 ft/s
Human Usage	1	occassional
Erosion Hazard	33	Calculate Erosion Hazard

Deer Creek, LM 2.4 (Tehama County Unit 1 South)



Site Location Map

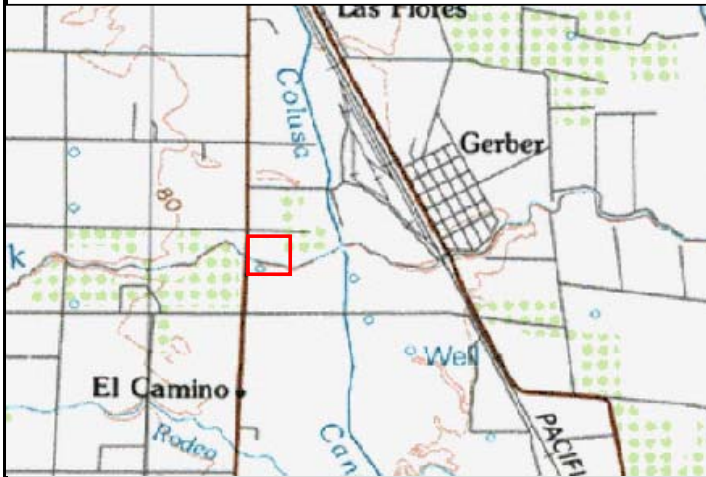
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	2	10 to 15 ft
Location of erosion	4	whole bank
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	80%
Tree Hazard	5	trees leaning, about to fall, roots exposed
Soil Type (*2)	3	sands and cobbles
Velocity (*2)	2	3 ft/s
Human Usage	2	seasonal
Erosion Hazard	33	Calculate Erosion Hazard

Elder Creek, LM 1.44 (Tehama County Unit 1 North)



Site Location Map



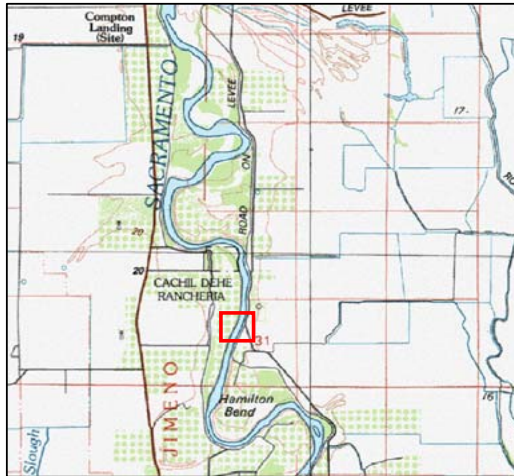
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	less than 1:1 slope
Berm Width (*2) - Estimated	1	25 to 30 ft
Location of erosion	5	whole bank and underwater
Bank Stability	5	vertical sections and animal burrows
Site Relative to Bend	1	straight
Vegetation Cover	2	60%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	3 ft/s
Human Usage	2	seasonal
Erosion Hazard	33	Calculate Erosion Hazard

Sacramento River, RM 152.8L



Site Location Map



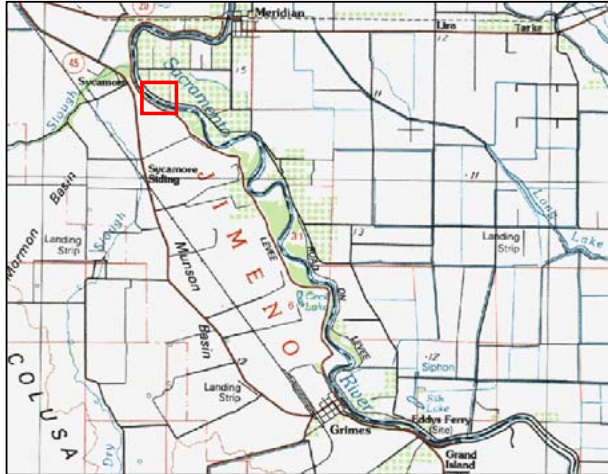
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	2	full bank
Bank Stability	5	vertical sections and caves
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	5	large trees, leaning with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.64 ft/s
Human Usage	2	seasonal
Erosion Hazard	32	Calculate Erosion Hazard

Sacramento River, RM 131.8L



Site Location Map



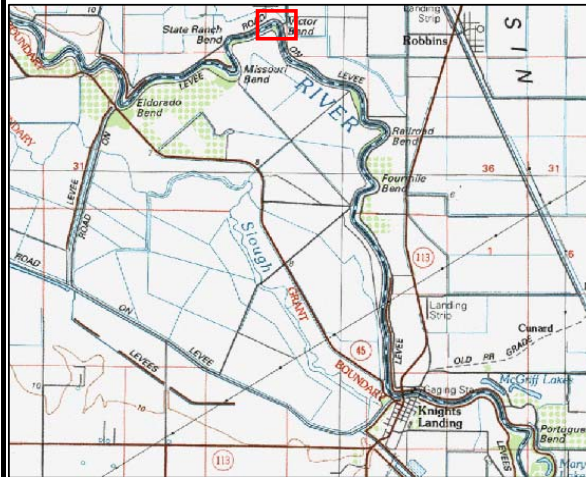
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	1	25 ft
Location of erosion	3	toe
Bank Stability	1	caves
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	3	40%
Tree Hazard	3	large trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.04 ft/s
Human Usage	2	seasonal
Erosion Hazard	32	Calculate Erosion Hazard

Sacramento River, RM 95.8L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	3	toe
Bank Stability	1	animal burrows
Site Relative to Bend	5	outside of a tight bend
Vegetation Cover	1	70%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.38 ft/s
Human Usage	2	seasonal
Erosion Hazard	32	Calculate Erosion Hazard

Georgiana Slough, RM 4L



Site Location Map



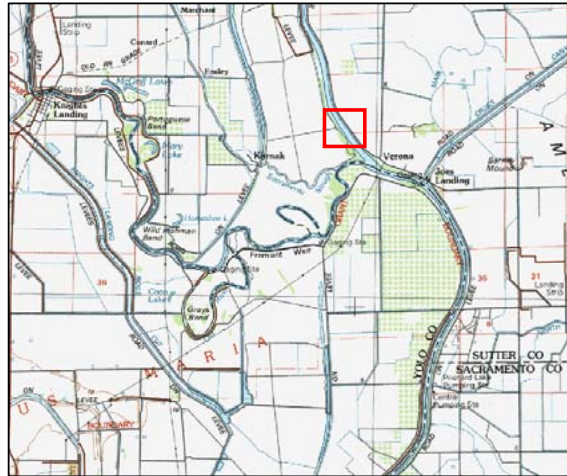
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	0	levee
Bank Stability	0	no vertical sections or beaver burrows
Site Relative to Bend	0	inside of a bend
Vegetation Cover	1	about 70 to 80 %
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.76 ft/s
Human Usage	1	occassional
Erosion Hazard	32	Calculate Erosion Hazard

Feather River, RM 0.6L



Site Location Map



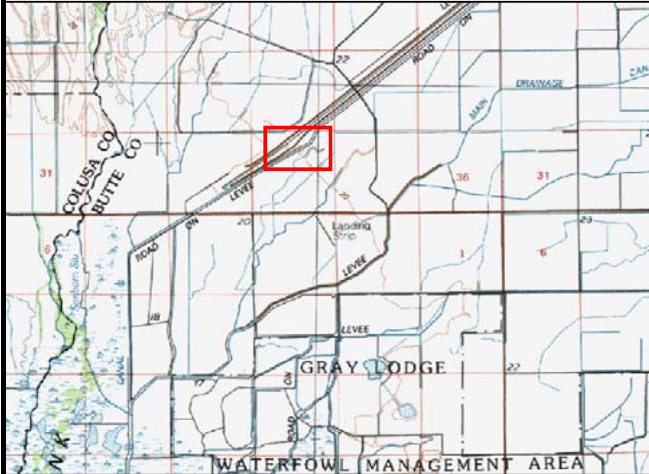
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves/burrows
Site Relative to Bend	1	straight
Vegetation Cover	1	about 60 to 70%
Tree Hazard	4	large trees with visible roots
Soil Type (*2)	3	Sands
Velocity (*2)	3	4.8 ft/s
Human Usage	5	multiple paths seen down to river, daily usage
Erosion Hazard	32	Calculate Erosion Hazard

Cherokee Canal, LM 21.9 (DWR MA 13 Unit 2 East)



Site Location Map



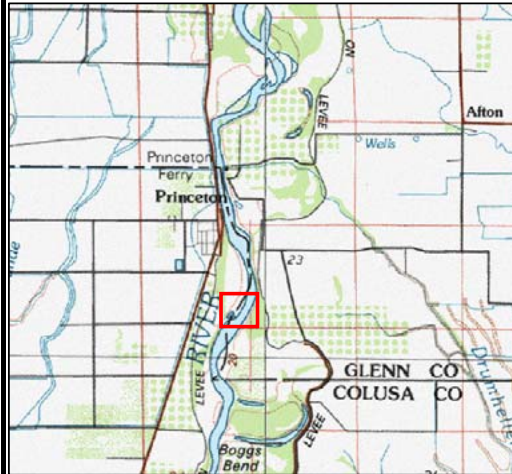
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	3	toe
Bank Stability	2	vertical slope sections less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	grass and twigs, likely burned annually, 60% cover
Tree Hazard	0	no trees
Soil Type (*2)	2	silts and clays
Velocity (*2)	4	6 ft/s
Human Usage	1	occassional
Erosion Hazard	32	Calculate Erosion Hazard

Sacramento River, RM 163.0L



Site Location Map



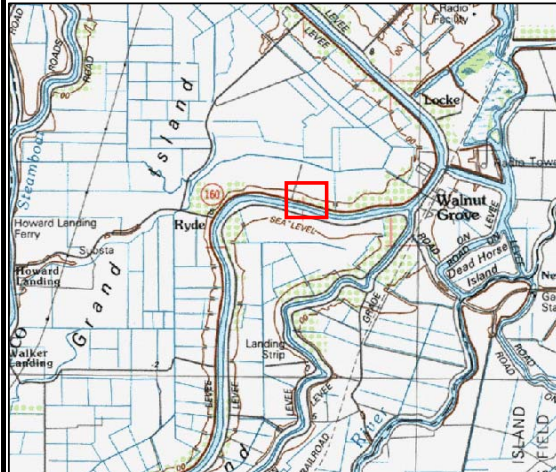
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	60 ft
Location of erosion	2	full bank
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	0	80%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	5	10.07 ft/s
Human Usage	0	rare
Erosion Hazard	31	Calculate Erosion Hazard

Sacramento River, RM 24.8L



Site Location Map



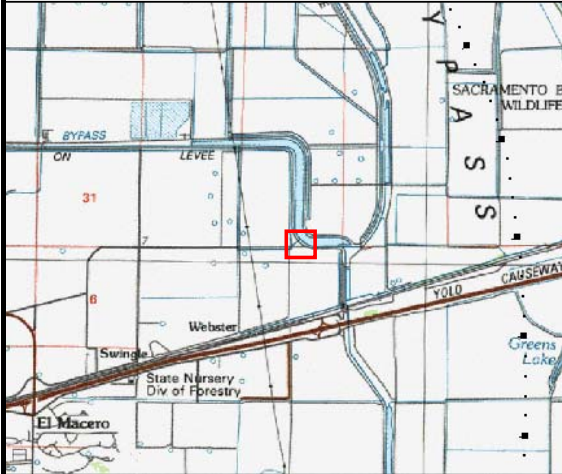
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	2	berm slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	0	90%
Tree Hazard	3	large trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.5 ft/s
Human Usage	3	monthly
Erosion Hazard	31	Calculate Erosion Hazard

Willow Slough, LM 6.9 (DWR Unit 2 South)



Site Location Map



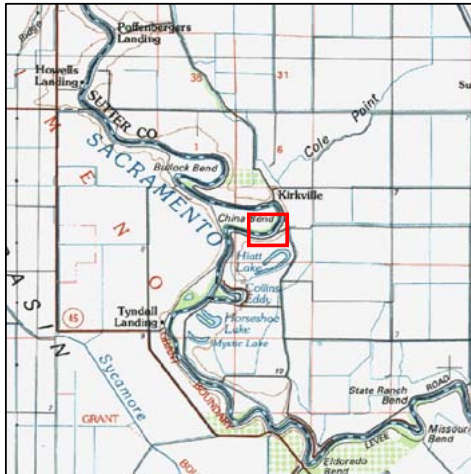
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	2	lower levee slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	3	poorly seeded grass
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	0	0.2 ft/s
Human Usage	2	seasonal for duck hunting
Erosion Hazard	31	Calculate Erosion Hazard

Sacramento River, RM 104.0L



Site Location Map



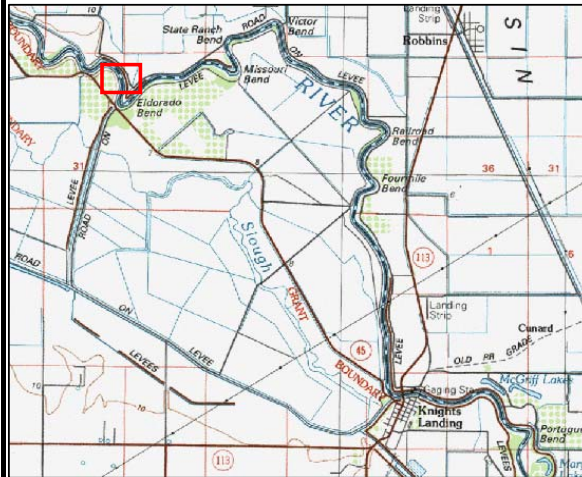
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	35 ft
Location of erosion	4	levee, and berm
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	1	60% to 70%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	2	2.25 ft/s
Human Usage	1	occassional
Erosion Hazard	30	Calculate Erosion Hazard

Sacramento River, RM 99.0L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	1	levee slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	1	60%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	2	2.72 ft/s
Human Usage	1	occassional
Erosion Hazard	30	Calculate Erosion Hazard

Georgiana Slough, RM 3.7L (a)



Site Location Map



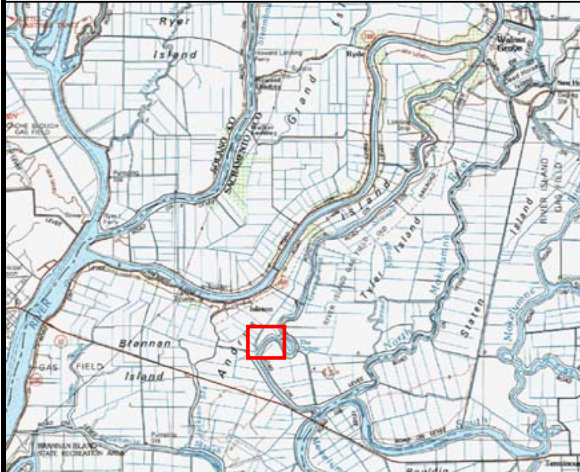
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	2	levee slope
Bank Stability	1	erosion pockets
Site Relative to Bend	0	inside of a bend
Vegetation Cover	0	90% cover
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	4.04 ft/s
Human Usage	1	occasional
Erosion Hazard	30	Calculate Erosion Hazard

Georgiana Slough, RM 2.5L



Site Location Map



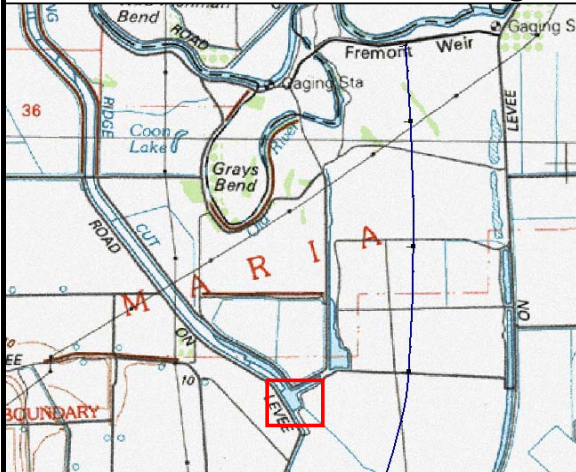
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	4	less than 5 ft
Location of erosion	3	toe
Bank Stability	2	some vertical sections, less than half the slope height
Site Relative to Bend	0	inside of a bend
Vegetation Cover	0	90%
Tree Hazard	0	small trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	3	3.99 ft/s
Human Usage	1	occassional
Erosion Hazard	30	Calculate Erosion Hazard

Knights Landing Ridge Cut, LM 0.2 (KLRD Unit 1 West)



Site Location Map



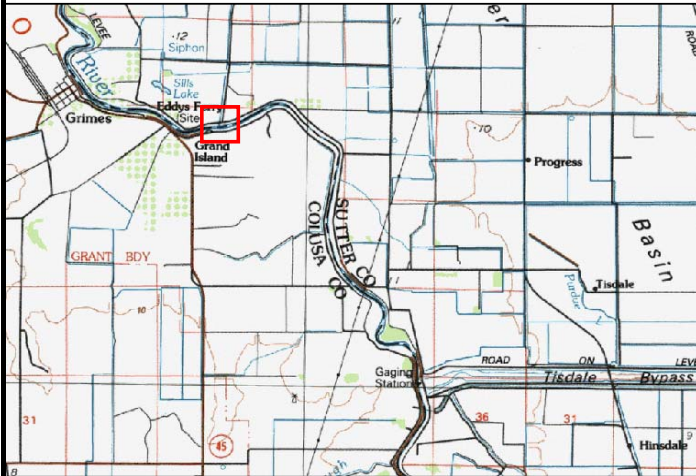
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	4	vertical sections, about half bank height
Site Relative to Bend	1	relatively straight
Vegetation Cover	3	40% or slightly more, likely burned annually
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	0	0.1 ft/s
Human Usage	0	rare, no public access
Erosion Hazard	30	Calculate Erosion Hazard

Sacramento River, RM 123.7R



Site Location Map



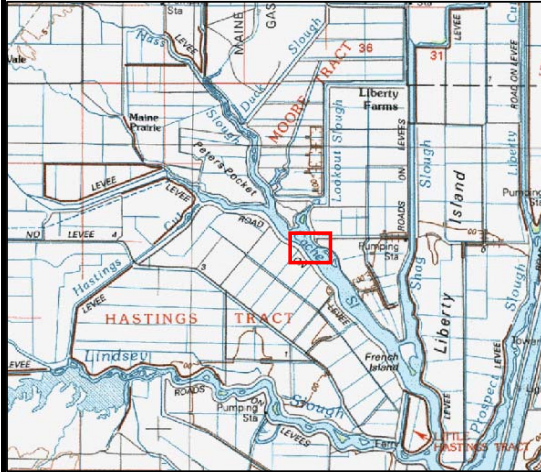
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	4	1:1 slope
Berm Width (*2) - Estimated	2	15 ft
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	2	just downstream from a bend
Vegetation Cover	0	80 to 90%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	4	5.3 ft/s
Human Usage	0	rare
Erosion Hazard	29	Calculate Erosion Hazard

Cache Slough, RM 22.8R



Site Location Map



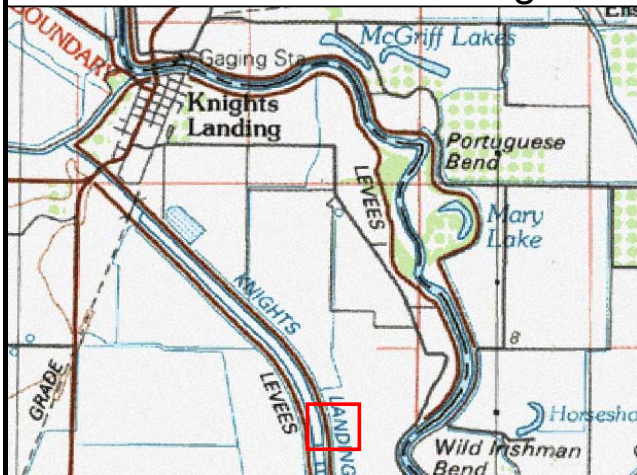
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	mid-lower bank and toe
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	2	40%
Tree Hazard	0	small trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	0	less than a 1ft/s
Human Usage	4	weekly, human debris and path
Erosion Hazard	29	Calculate Erosion Hazard

Knights Landing Ridge Cut, LM 4.3 (KLRD Unit 2 East)



Site Location Map



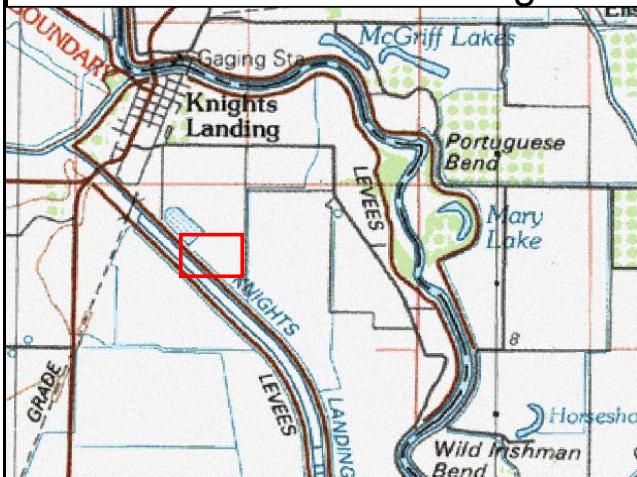
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	relatively straight
Vegetation Cover	2	50 to 60%
Tree Hazard	1	young trees
Soil Type (*2)	2	silts with some clay
Velocity (*2)	0	0.1 ft/s
Human Usage	1	occassional, no access but close to town
Erosion Hazard	29	Calculate Erosion Hazard

Knights Landing Ridge Cut, LM 5.3 (KLRD Unit 2 East)



Site Location Map



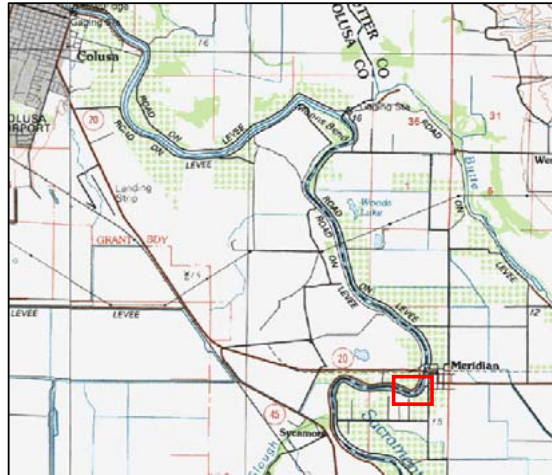
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	0 to 5 ft of berm
Location of erosion	4	toe and lower slope
Bank Stability	2	6 to 8 ft of vertical slope in sections
Site Relative to Bend	1	straight
Vegetation Cover	1	burned annually, 70%
Tree Hazard	1	small trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	0	0.1 ft/s
Human Usage	1	occassional, no access but close to town
Erosion Hazard	28	Calculate Erosion Hazard

Sacramento River, RM 133.8L



Site Location Map



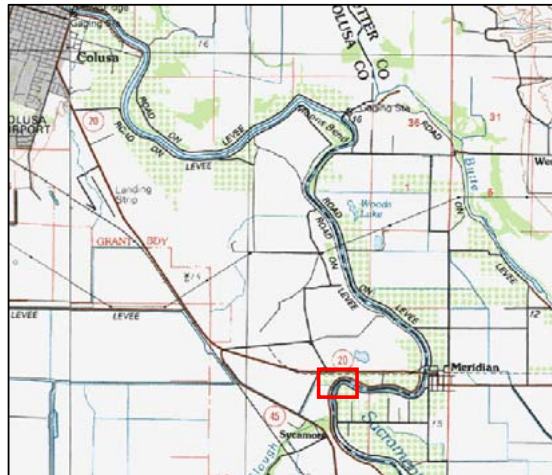
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	1	more than 20 ft of berm
Location of erosion	2	lower bank
Bank Stability	2	vertical sections less than half bank height
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	1	80%
Tree Hazard	0	no trees
Soil Type (*2)	1	clays and rounded stone
Velocity (*2)	3	4.9 ft/s
Human Usage	2	adjacent to town, seasonal
Erosion Hazard	27	Calculate Erosion Hazard

Sacramento River, RM 132.9R



Site Location Map



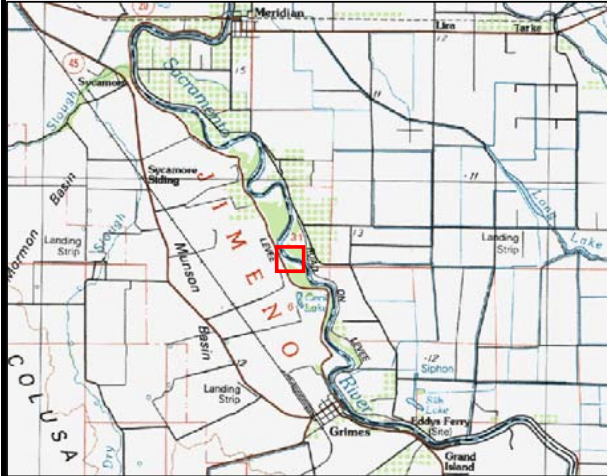
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	2	full bank
Bank Stability	2	small vertical sections
Site Relative to Bend	5	outside of a less than 90 degree bend
Vegetation Cover	3	40%
Tree Hazard	1	young trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.97 ft/s
Human Usage	2	seasonal
Erosion Hazard	27	Calculate Erosion Hazard

Sacramento River, RM 127.9R



Site Location Map



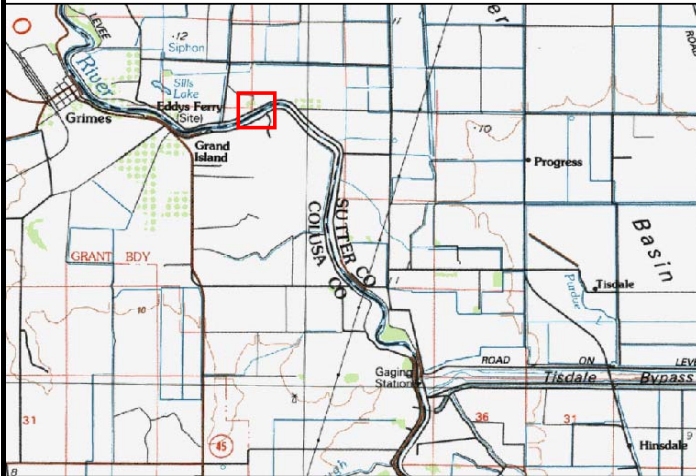
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	0	35 ft
Location of erosion	4	bank and toe
Bank Stability	2	vertical at toe
Site Relative to Bend	3	outside of a gentle bend
Vegetation Cover	2	40%
Tree Hazard	3	large trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	2.92 ft/s
Human Usage	1	occassioanl
Erosion Hazard	27	Calculate Erosion Hazard

Sacramento River, RM 123.3L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	4	full bank and toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	2	40%
Tree Hazard	4	large trees with exposed roots
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.82 dt/s
Human Usage	2	seasonal
Erosion Hazard	27	Calculate Erosion Hazard

Elder Creek, LM 3.0 (Tehama County Unit 2 South)



Site Location Map



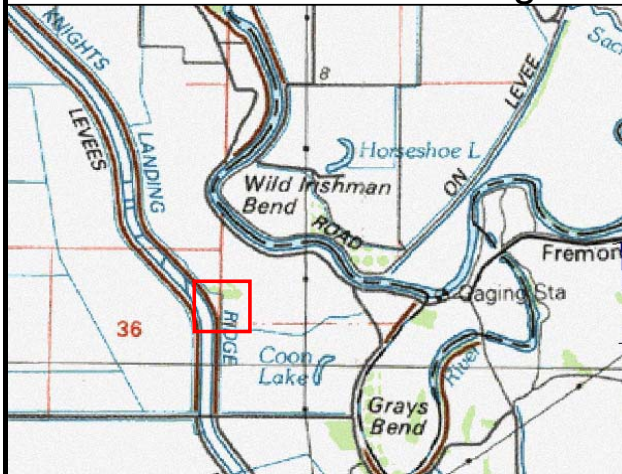
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	1	25 to 30 ft
Location of erosion	4	whole bank
Bank Stability	0	no holes or vertical sections
Site Relative to Bend	5	outside of a tight bend
Vegetation Cover	0	80%
Tree Hazard	0	small trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	2	3 ft/s
Human Usage	2	seasonal
Erosion Hazard	27	Calculate Erosion Hazard

Knights Landing Ridge Cut, LM 3.0 (KLRD Unit 2 East)



Site Location Map



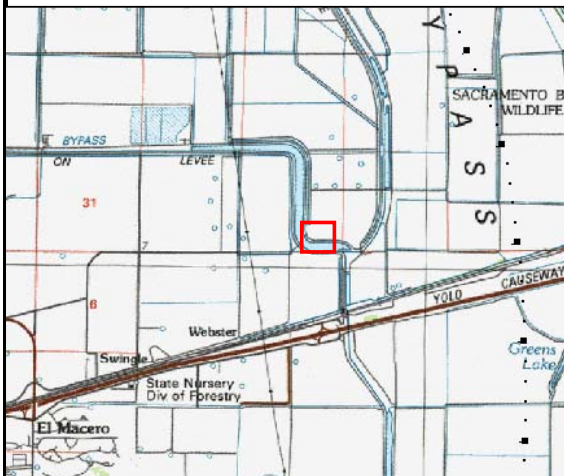
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower bank slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	3	outside of a slight bend
Vegetation Cover	0	80% + cover
Tree Hazard	1	young trees
Soil Type (*2)	2	silts with some clays
Velocity (*2)	0	0.1 ft/s
Human Usage	1	occassional, no access but near town
Erosion Hazard	27	Calculate Erosion Hazard

Willow Slough, LM 0.6 (DWR Unit 1 North)



Site Location Map



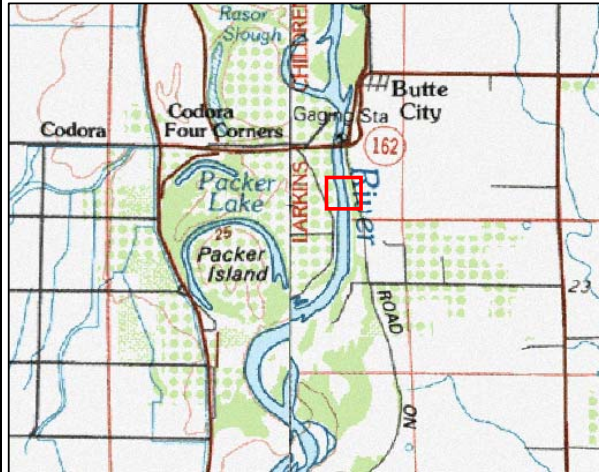
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	0	upper levee slope
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	0	0.5 ft/s
Human Usage	2	seasonal for duck hunting
Erosion Hazard	27	Calculate Erosion Hazard

Sacramento River, RM 168.3L



Site Location Map



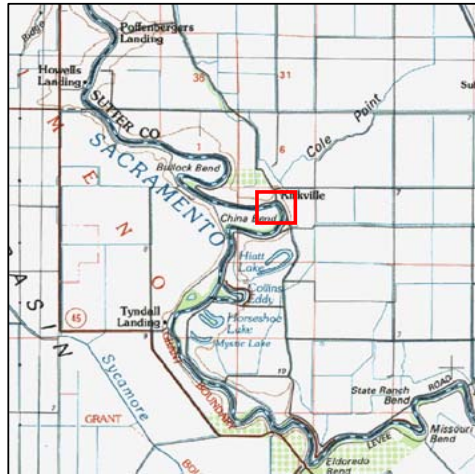
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	1	2.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	3	toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	60 to 70%
Tree Hazard	3	large trees
Soil Type (*2)	4	sand and silts (sand deposited)
Velocity (*2)	3	4.81 ft/s
Human Usage	2	seasonal
Erosion Hazard	26	Calculate Erosion Hazard

Sacramento River, RM 104.5L



Site Location Map



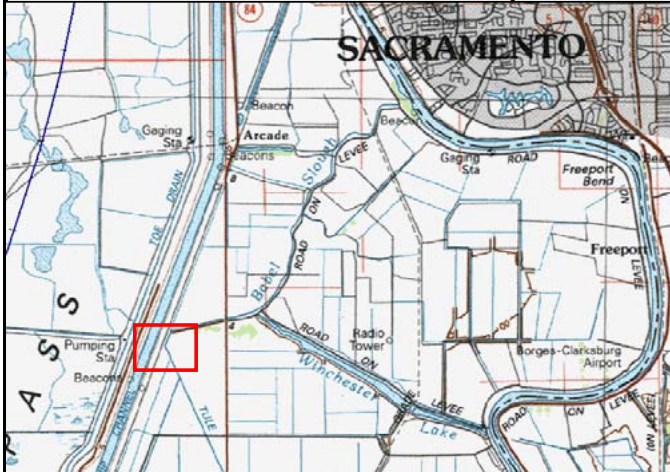
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	40 ft
Location of erosion	4	berm and toe
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	4	outside of a 90 degree bend
Vegetation Cover	1	70%
Tree Hazard	0	no trees
Soil Type (*2)	4	sands and silts
Velocity (*2)	1	1.68 ft/s
Human Usage	1	occassional
Erosion Hazard	26	Calculate Erosion Hazard

Deep Water Ship Channel, LM 5.01 (RD 999 Unit 1 East)



Site Location Map



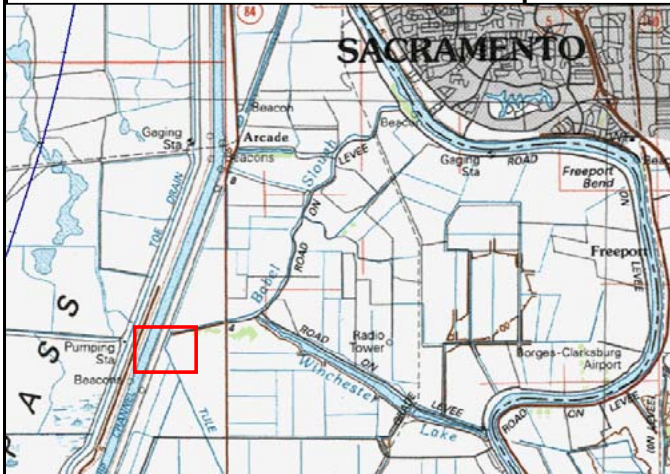
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	levee slope
Bank Stability	0	no bvertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	lots of grass, some shrubs, 80%
Tree Hazard	2	medium tree
Soil Type (*2)	2	clays and silts
Velocity (*2)	1	1.3 ft/s
Human Usage	0	rare
Erosion Hazard	25	Calculate Erosion Hazard

Deep Water Ship Channel, LM 5.0 (RD 999 Unit 1 East)



Site Location Map



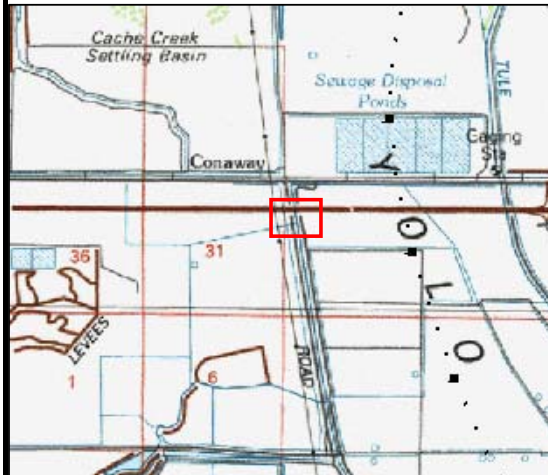
Site Photograph

Cross Section

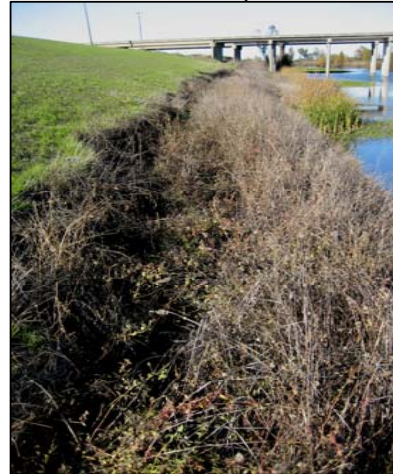
Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	levee slope
Bank Stability	0	no bvertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	lots of grass, some shrubs, 80%
Tree Hazard	2	medium tree
Soil Type (*2)	2	clays and silts
Velocity (*2)	1	1.3 ft/s
Human Usage	0	rare
Erosion Hazard	25	Calculate Erosion Hazard

Yolo Bypass, LM 0.1 (RD 2035 Unit 2 West)



Site Location Map



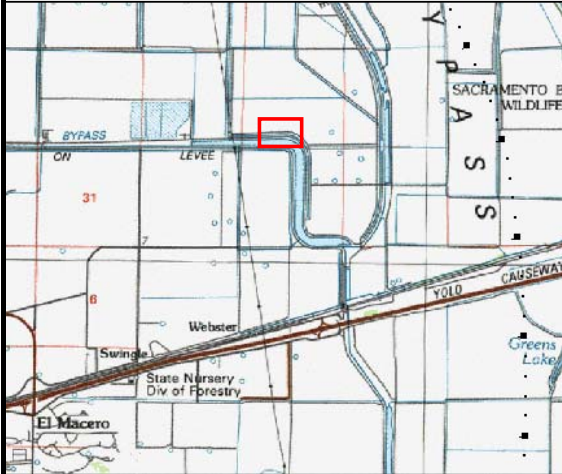
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	0	3:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	25	Calculate Erosion Hazard

Willow Slough, LM 2.2 (RD 2035 Unit 3 North)



Site Location Map



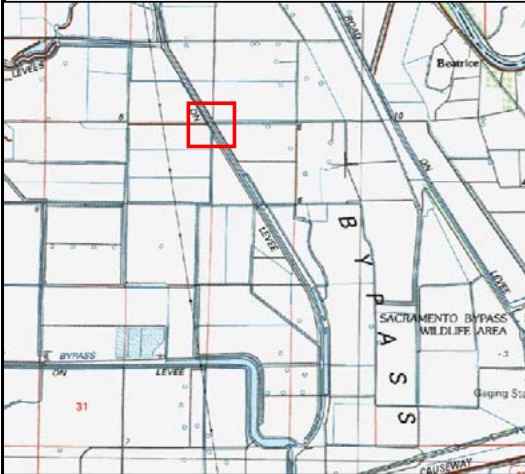
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	1	mid levee slope
Bank Stability	2	short vertical sections
Site Relative to Bend	1	straight
Vegetation Cover	1	80%
Tree Hazard	0	no trees
Soil Type (*2)	2	slits and clays
Velocity (*2)	0	0.6 ft/s
Human Usage	2	season, frequent for Duck Hunters
Erosion Hazard	25	Calculate Erosion Hazard

Yolo Bypass, LM 3.8 (RD 2035 Unit 2 West)



Site Location Map



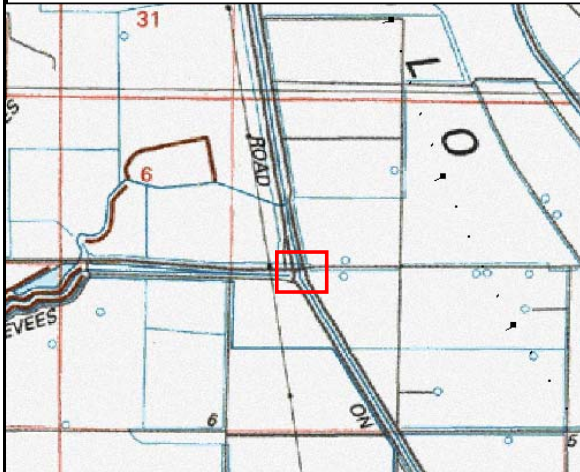
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	0	3:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	straight
Vegetation Cover	0	80 to 90 %
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	24	Calculate Erosion Hazard

Yolo Bypass, LM 2.0 (RD 2035 Unit 2 West)



Site Location Map



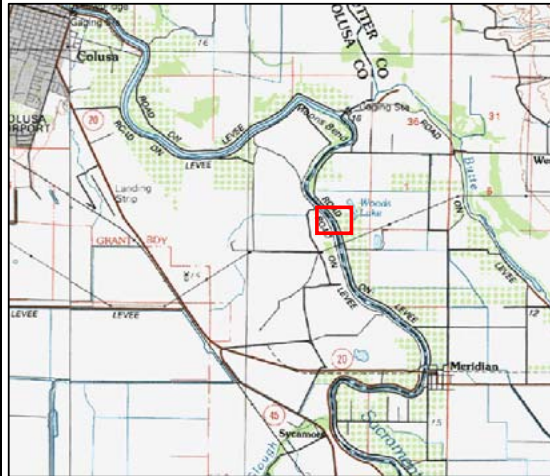
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	0	3:1 slope
Berm Width (*2) - Estimated	5	no berm
Location of erosion	4	toe and lower slope
Bank Stability	2	vertical sections, less than half bank height
Site Relative to Bend	1	relatively straight
Vegetation Cover	0	90%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	24	Calculate Erosion Hazard

Sacramento River, RM 136.6L



Site Location Map



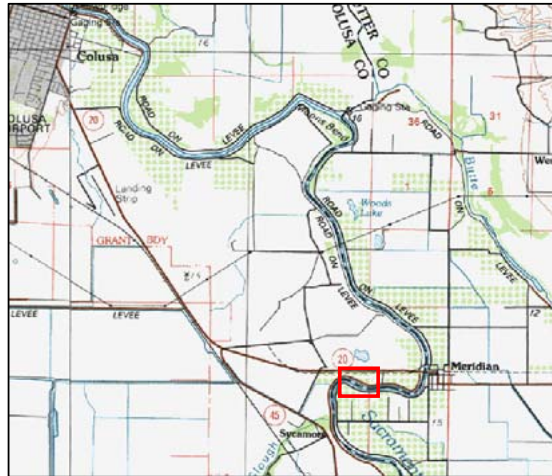
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	2	lower bank
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	1	70%
Tree Hazard	0	no trees
Soil Type (*2)	2	clays and silts
Velocity (*2)	3	4.91 ft/s
Human Usage	2	seasonal
Erosion Hazard	22	Calculate Erosion Hazard

Sacramento River, RM 133.0L



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	0	30 ft
Location of erosion	2	lower bank
Bank Stability	2	vertical sections less than half bank height
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	2	60%
Tree Hazard	0	no trees
Soil Type (*2)	1	clays and rounded stone
Velocity (*2)	3	4.97 ft/s
Human Usage	2	seasonal
Erosion Hazard	22	Calculate Erosion Hazard

Elder Creek, LM 4.1 (Tehama County Unit 2 North)



Site Location Map



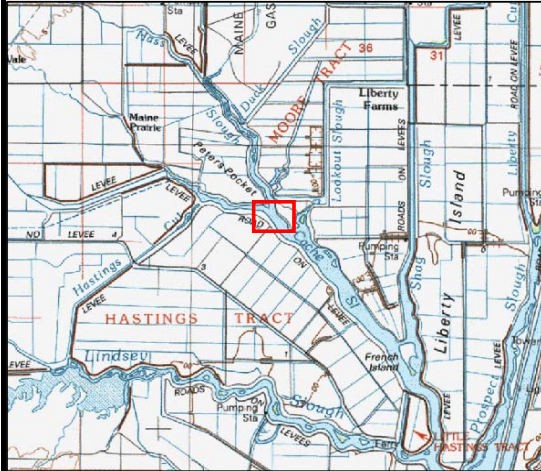
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	2	10 ft
Location of erosion	0	upper levee slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	relatively straight
Vegetation Cover	1	minimal in erosion area, 80% coverage on remaining land
Tree Hazard	2	medium trees
Soil Type (*2)	2	clays and gravels
Velocity (*2)	2	3 ft/s
Human Usage	2	seasonal
Erosion Hazard	22	Calculate Erosion Hazard

Cache Slough, RM 23.6R



Site Location Map



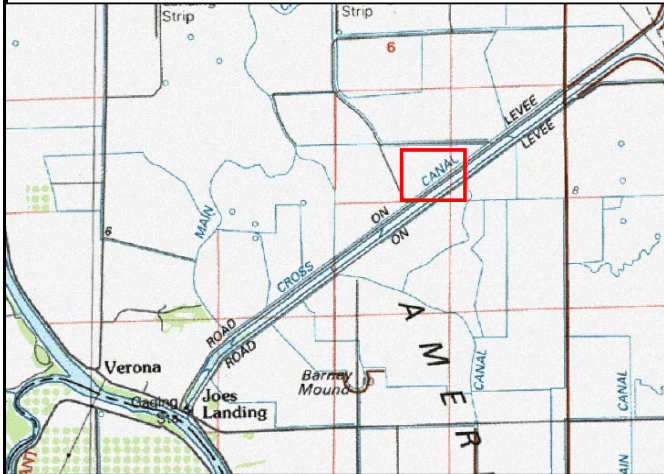
Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	2	2:1 slope
Berm Width (*2) - Estimated	0	no berm
Location of erosion	4	toe and lower bank
Bank Stability	2	some vertical sections, less than half bank slope
Site Relative to Bend	2	just downstream of a bend
Vegetation Cover	2	blotchy coverage, dense in spots, 50%
Tree Hazard	0	no trees
Soil Type (*2)	2	clay and silts
Velocity (*2)	0	0.27 ft/s
Human Usage	3	adjacent to levee road, monthly
Erosion Hazard	21	Calculate Erosion Hazard

Natomas Cross Canal, 3.0 (RD 1001 Unit 5 North)



Site Location Map



Site Photograph

Cross Section

Score of 0 indicates no erosion hazard, score of 72 maximum erosion hazard score

Criteria	Score	Notes
Bank Slope (*2)	3	1.5:1 slope
Berm Width (*2) - Estimated	0	40 ft of berm
Location of erosion	4	toe and lower slope
Bank Stability	0	no vertical sections or caves
Site Relative to Bend	1	straight
Vegetation Cover	2	50%
Tree Hazard	0	no trees
Soil Type (*2)	2	silts with clays
Velocity (*2)	1	1.5 ft/s
Human Usage	1	occassional
Erosion Hazard	20	Calculate Erosion Hazard